

v5 Beginner Guide REST and SOAP

This sample guides you through the configuration of the workstep. Generally the following steps are necessary to test the workstep configuration.

1. Upload a file
2. Create a workstep configuration
3. Send an envelope

- Upload a file
- Workstep configuration
- Empty workstep
- Prepare envelope
- AdditionalClientWorkstepInformation
- Expiration date
- Viewer preferences
- Policy
- Client Actions
- Sender and receiver information
 - Sender information:
 - Receiver information:
 - Workstep task
- Signatures
 - Click2Sign
 - Draw2Sign
 - Type2Sign
 - Biometric
 - SMS-OTP
 - Disposable certificate
 - Disposable certitifacate (Long-lived)
 - P7M Signers
 - Automatic Remote Signature Recipient via API
 - A-Trust
 - BankID
 - Generic Signing Plugin
 - Generic Signing Plugin (automatic)
 - Generic Signing Plugin (Batch-Signature)
- Authentication
 - Pin-authentication
 - SMS-authentication
- PdfForms
 - Textfield
 - Radiobutton
 - Checkbox
 - Listbox
 - Listbox (Multiselect)
 - Combobox
- AddFormFields
 - TypeWriterAnnotation
- Reading Tasks
 - Reading task for one page
 - Reading task for all pages
 - Reading task for a section
- Sending envelope
- Get the envelope
- Download the document(s)

Upload a file

First, you will need a PDF document which you want to upload.

For REST you need the following URL: <https://demo.esignanywhere.net/Api/v4.0/sspfile/uploadtemporary>

For SOAP you need the API call UploadTemporarySspFile_v1

For this call you need an authentication. For authentication, you'll need an api token. You can find this information in Settings / Api Tokens and Apps. Note that all API methods require authentication. For more information about the authorization please have a look the [API Reference Guide](#) for SOAP or the [Pos tman Guide](#) for REST

After the authorization you need to BASE64 the PDF which you want to upload. If the call was successful you get a file Id which we will need for sending an envelope.

Workstep configuration

The workstep configuration is the core of the envelope. Within the workstep configuration you can define following settings:

- AdditionalClientWorkstepInformation

- Viewer preferences
- Policy
- Sender and receiver information
- Workstep tasks
- Signature template
- Authentication
- PdfForms

Empty workstep

Lets start with an empty workstep first and then fill it step by step with the settings above. In the next collapse you can find an empty workstep (change **##EMAIL##** to the email-address and **##NAME##** to the name of the recipient you want to send the envelope):

```
{
  "SspFileIds": [
    "##FileId##"
  ],
  "SendEnvelopeDescription": {
    "Name": "test",
    "EmailSubject": "Please sign the enclosed envelope",
    "EmailBody": "Dear #RecipientFirstName# #RecipientLastName#\n\n#PersonalMessage#\n\nPlease sign the envelope\n#EnvelopeName#\n\nEnvelope will expire at #ExpirationDate#",
    "DisplayedEmailSender": "",
    "EnableReminders": true,
    "FirstReminderDayAmount": 5,
    "RecurrentReminderDayAmount": 3,
    "BeforeExpirationDayAmount": 3,
    "DaysUntilExpire": 28,
    "CallbackUrl": "",
    "StatusUpdateCallbackUrl": "",
    "Steps": [
      {
        "OrderIndex": 1,
        "Recipients": [
          {
            "Email": "##EMAIL##",
            "FirstName": "##NAME##",
            "LastName": "##NAME##",
            "LanguageCode": "en",
            "EmailBodyExtra": "",
            "DisableEmail": false,
            "AddAndroidAppLink": false,
            "AddIosAppLink": false,
            "AddWindowsAppLink": false,
            "AllowDelegation": true,
            "SkipExternalDataValidation": false,
            "AuthenticationMethods": []
          }
        ],
        "EmailBodyExtra": "",
        "RecipientType": "Signer",
        "WorkstepConfiguration": {
          "WorkstepLabel": "test",
          "SmallTextZoomFactorPercent": 100,
          "FinishAction": {
            "ServerActions": [],
            "ClientActions": []
          }
        },
        "TransactionCodePushPluginData": [],

        "TransactionCodeConfigurations": [
          {
          }
        ],
        "SignatureConfigurations": [],
        "ViewerPreferences": {
          "FinishWorkstepOnOpen": false,
          "VisibleAreaOptions": {
            "AllowedDomain": "",

```

```

        "Enabled": false
    }
},
"Policy": {
    "WorkstepTasks": {
        "PictureAnnotationMinResolution": 0,
        "PictureAnnotationMaxResolution": 0,
        "PictureAnnotationColorDepth": "Color16M",
        "SequenceMode": "NoSequenceEnforced",
        "PositionUnits": "PdfUnits",
        "ReferenceCorner": "Lower_Left",
        "Tasks": []
    }
},
},
"DocumentOptions": [
    {
        "DocumentReference": "1",
        "IsHidden": false
    }
],
"UseDefaultAgreements": true
},
{
    "OrderIndex": 2,
    "Recipients": [
        {
            "Email": "##EMAIL##",
            "FirstName": "##NAME##",
            "LastName": "##NAME##",
            "LanguageCode": "en",
            "EmailBodyExtra": "",
            "DisableEmail": false,
            "AddAndroidAppLink": false,
            "AddIosAppLink": false,
            "AddWindowsAppLink": false,
            "AllowDelegation": false,
            "SkipExternalDataValidation": false,
            "AuthenticationMethods": []
        }
    ],
    "EmailBodyExtra": "",
    "RecipientType": "Cc",
    "DocumentOptions": [],
    "UseDefaultAgreements": false
}
],
"AddFormFields": {
    "Forms": {}
},
"OverrideFormFieldValues": {
    "Forms": {}
},
},
"AttachSignedDocumentsToEnvelopeLog": false
}
}

```

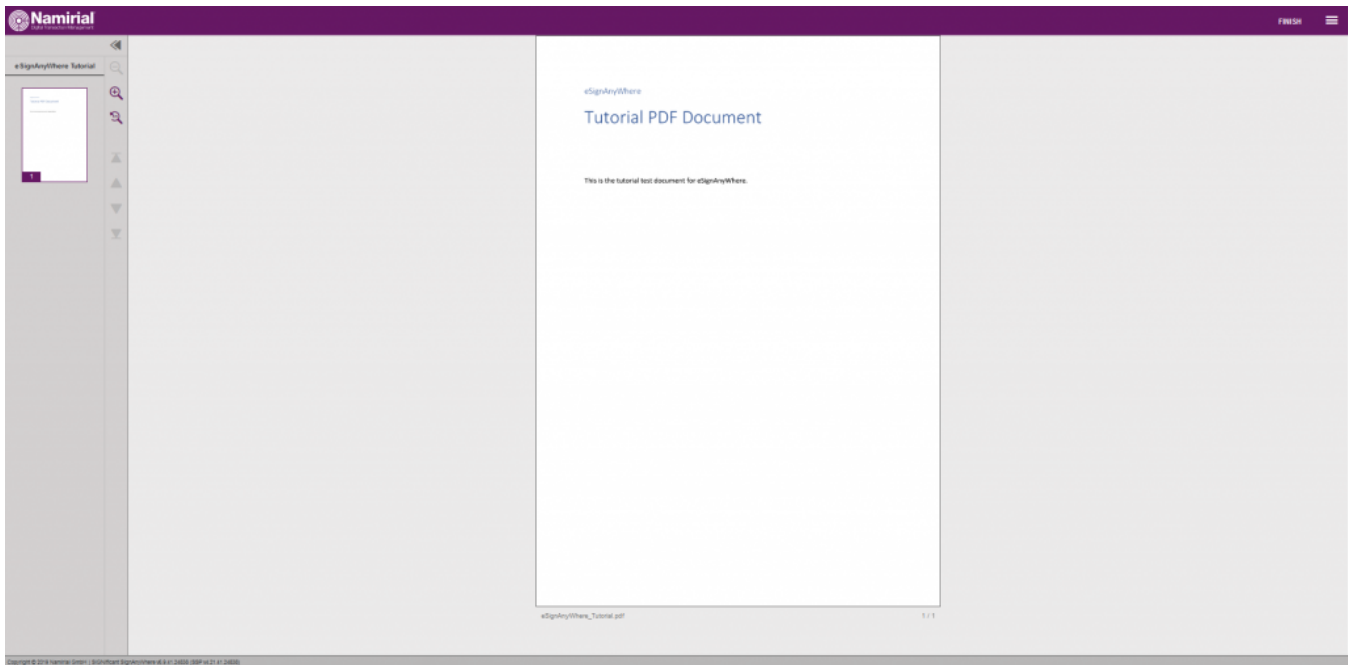
```

<envelope>
  <name>eSignAnyWhere Tutorial</name>
  <eMailSubject>Document of eSignAnyWhere Tutorial</eMailSubject>
  <eMailBody>Dear #RecipientFirstName#! Please sign this tutorial document.</eMailBody>
  <enableReminders>True</enableReminders>
  <firstReminderDayAmount>1</firstReminderDayAmount>
  <recurrentReminderDayAmount>1</recurrentReminderDayAmount>
  <beforeExpirationReminderDayAmount>1</beforeExpirationReminderDayAmount>
  <daysUntilExpire>2</daysUntilExpire>
  <!-- callback to your backend system on a completed envelope
  <callbackUrl>http://172.16.17.78:57550/default.aspx?EnvelopeId=##EnvelopeId##&myParamForMe=1234<
/callbackUrl>
  -->
  <callbackUrl />
  <steps>
    <step>
      <emailBodyExtra />
      <orderIndex>1</orderIndex>
      <recipientType>Signer</recipientType>
      <recipients>
        <recipient>
          <languageCode>en</languageCode>
          <eMail>##EMAIL##</eMail>
          <firstName>##NAME##</firstName>
          <lastName>##NAME##</lastName>
        </recipient>
      </recipients>
      <workstepConfiguration>
<WorkstepLabel />
<SmallTextZoomFactorPercent>100</SmallTextZoomFactorPercent>
<WorkstepTimeToLiveInMinutes>11520</WorkstepTimeToLiveInMinutes>
<FinishAction />
<ViewerPreferences>
  </ViewerPreferences>
  <signatureTemplate>
  </signatureTemplate>
  <Policy version="1.1.0.0">
    <GeneralPolicies>
    </GeneralPolicies>
    <WorkstepTasks SequenceMode="SequenceOnlyRequiredTasks" originalSequenceMode="SequenceOnlyRequiredTasks"
  >
    </WorkstepTasks>
  </Policy>
  <TransactionCodeConfigurations>
    <TransactionCodeConfiguration trConfId="">
    </TransactionCodeConfiguration>
  </TransactionCodeConfigurations>
</workstepConfiguration>
    </step>
  </steps>
</envelope>

```

The highlighted text in the SOAP tab is the workstep configuration. Everything around the text is the envelope description. This description is used to define for example the recipients who should get the envelope. In this case the envelope description contains one recipient.

If the recipient opens the envelope it should look like the following screenshot:



With this empty workstep configuration we can now add the settings which are mentioned above. First, let us start with the viewer preferences.

Prepare envelope

With the api call: `basicURL/envelope/prepare` in REST and `PrepareSendEnvelopeSteps_v1` in SOAP you can also create a workstep configuration. For this api call you need the `FileId` and a prepare configuration. You can find a sample configuration in the next section:

```
{
  "SspFileIds": [
    "##FileId##"
  ],
  "AdHocWorkstepConfiguration": {
    "WorkstepLabel": "string",
    "SmallTextZoomFactorPercent": 0,
    "WorkstepTimeToLiveInMinutes": 0,
    "FinishAction": {
      "ClientActions": [
        {
          "RemoveDocumentFromRecentDocumentList": true,
          "CallClientActionOnlyAfterSuccessfulSync": true,
          "ClientName": "string",
          "CloseApp": true,
          "Action": "string"
        }
      ]
    },
    "NoSequenceEnforced": true,
    "SigTemplate": {
      "Size": {
        "Height": 0,
        "Width": 0
      },
      "AllowedSignatureTypes": [
      ]
    },
    "ParseFormFields": {
      "MapRequiredFieldsToRequiredTask": true,
      "FormsGrouping": "PerPage",
      "ReturnSimplifiedConfig": true,
      "AddKeepExistingValueFlag": true,
      "ParseFormField": true
    }
  },
}
```

```

"AdhocPolicies": {
  "AllowModificationsAfterSignature": true
},
"ViewerPreferences": {
  "ShowPageNavigationBar": true,
  "ShowThumbnails": true,
  "SkipFinishConfirmDialog": true,
  "SkipDocumentDialog": true,
  "ShowImagesInFullWidth": true,
  "DisableGeolocation": true,
  "ShowDocumentDownloadDialogAfterAutomaticFinish": true,
  "AttachmentsMaxFileSize": 0,
  "SkipPreviewImageOnDisposableCertificate": true,
  "LoadCustomJs": true,
  "AllowCustomButtons": true,
  "GuidingBehavior": "GuideOnlyRequiredTasks",
  "FormFieldsGuidingBehavior": "AllowSubmitAlways",
  "ShowVersionNumber": true,
  "EnableWarningPopupOnLeave": true,
  "WarningPopupDisplayAfter": "FillOrSignField",
  "FinishWorkstepOnOpen": true,
  "AutoFinishAfterRequiredTasksDone": true,
  "GuidingBehaviorOnFinishedTask": "NoMove",
  "SkipThankYouDialog": true,
  "NativeAppsUrlScheme": "string",
  "DocumentViewingMode": "EndlessPaperAllDocuments",
  "ThumbnailMode": "ShowAllPages",
  "ShowTopBar": true,
  "DisplayRejectButtonInTopBar": true,
  "MultipleSignatureTypesAndBatchSigningSettings": {
    "IsUseBatchSigningCheckedByDefault": true,
    "IsRememberSignatureTypeCheckedByDefault": true,
    "IsRememberBatchSigningDecisionCheckedByDefault": true,
    "SkipMultipleSignatureTypesAndBatchSigningDialogIfBatchSigningPossible": true
  },
  "VisibleAreaOptions": {
    "AllowedDomain": "string",
    "Enabled": true
  },
  "ShowStartGuidingHint": true,
  "ShowStatusBar": true,
  "ShowZoomButtons": true,
  "ShowNoGeolocationWarning": true,
  "AutoStartGuiding": true,
  "ShowPageGap": true,
  "ShowPageNavigationButtons": true,
  "ShowFinishPossibleHint": true,
  "SkipRejectConfirmDialog": true
},
"SignatureConfigurations": [
  {
    "SpcId": "string",
    "PdfSignatureProperties": {
      "PdfAConformant": true,
      "PAdESPart4Compliant": true,
      "IncludeSigningCertificateChain": true,
      "SigningCertificateRevocationInformationIncludeMode": "DoNotInclude",
      "SignatureTimestampData": {
        "Uri": "string",
        "Username": "string",
        "Password": "string",
        "SignatureHashAlgorithm": "Sha1",
        "AuthenticationCertificateDescriptor": {
          "Identifier": "string",
          "Type": "string"
        }
      }
    }
  },
  "PdfSignatureCryptographicData": {
    "SignatureHashAlgorithm": "Sha1",
    "SigningCertificateDescriptor": {

```

```

        "Identifier": "string",
        "Type": "Sha1Thumbprint",
        "Csp": "Default"
    }
},
"CertificateFilter": {
    "KeyUsages": [
        "string"
    ],
    "ThumbPrints": [
        "string"
    ],
    "RootThumbPrints": [
        "string"
    ]
}
],
"SigStringParsingConfiguration": {
    "SigStringsForParsings": [
        {
            "StartPattern": "string",
            "EndPattern": "string",
            "ClearSigString": true,
            "SearchEntireWordOnly": true
        }
    ]
},
"GeneralPolicies": {
    "AllowSaveDocument": true,
    "AllowSaveAuditTrail": true,
    "AllowRotatingPages": true,
    "AllowAppendFileToWorkstep": true,
    "AllowAppendTaskToWorkstep": true,
    "AllowEmailDocument": true,
    "AllowPrintDocument": true,
    "AllowFinishWorkstep": true,
    "AllowRejectWorkstep": true,
    "AllowRejectWorkstepDelegation": true,
    "AllowUndoLastAction": true,
    "AllowColorizePdfForms": true,
    "AllowAdhocPdfAttachments": true,
    "AllowAdhocSignatures": true,
    "AllowAdhocStampings": true,
    "AllowAdhocFreeHandAnnotations": true,
    "AllowAdhocTypewriterAnnotations": true,
    "AllowAdhocPictureAnnotations": true,
    "AllowAdhocPdfPageAppending": true,
    "AllowReloadOfFinishedWorkstep": true
},
"FinalizeActions": {
    "FinalizeActionList": [

    ]
},
"TransactionCodeConfigurations": [
    {
        "Id": "string",
        "HashAlgorithmIdentifier": "Sha1",
        "Texts": [
            {
                "Language": "string",
                "Value": "string"
            }
        ]
    }
]
},
"PrepareSendEnvelopeStepsDescriptor": {
    "ClearFieldMarkupString": true
}

```

}

```
<AdhocWorkstepConfiguration>
  <WorkstepLabel />
  /SmallTextZoomFactorPercent>100<
  /WorkstepTimeToLiveInMinutes>10<
  <FinishAction />
  <NoSequenceEnforced>0</NoSequenceEnforced>
  <SigTemplate>
    <width>50.5</width>
    <height>100.5</height>
  </SigTemplate>
  <ParseFormFields mapRequiredFieldsToRequiredTask="1" formsGrouping="PerPage" returnSimplifiedConfig="0"
  addKeepExistingValueFlag="0">1</ParseFormFields>
  <AdhocPolicies>
    <AllowModificationsAfterSignature>1</AllowModificationsAfterSignature>
  </AdhocPolicies>
  <PictureAnnotationConfigurationDefaults>
    <MinResolution>100</MinResolution>
    <MaxResolution>300</MaxResolution>
    <ColorDepth>Color16M</ColorDepth>
  </PictureAnnotationConfigurationDefaults>
  <signaturePluginConfiguration>
    <PdfSignatureProperties_V1>
      <PdfAConformant>0</PdfAConformant>
      <PADESPart4Compliant>0<
      <IncludeSigningCertificateChain>0<
      /IncludeSigningCertificateChain>
    <SigningCertificateRevocationInformationIncludeMode>DoNotInclude<
    /SigningCertificateRevocationInformationIncludeMode>
    </PdfSignatureProperties_V1>
    <PdfSignatureCryptographicData_V1>
      <SignatureHashAlgorithm>Sha1<
      /SignatureHashAlgorithm>
    <SigningCertificateDescriptor>
      <Identifier>DDED02DC192573B722E8C027F0E47E63152EB822</Identifier>
      <Type>Sha1Thumbprint</Type>
      <Csp>Default</Csp>
    </SigningCertificateDescriptor>
    </PdfSignatureCryptographicData_V1>
  </signaturePluginConfiguration>
  <SigStringParsingConfiguration>
    <SigStringsForParsing>
      <StartPattern>`sig</StartPattern>
      <EndPattern>`</EndPattern>
      <ClearSigString>1</ClearSigString>
      <SearchEntireWordOnly>1</SearchEntireWordOnly>
    </SigStringsForParsing>
  </SigStringParsingConfiguration>
  <GeneralPolicies>
    <AllowSaveDocument>1</AllowSaveDocument>
    <AllowSaveAuditTrail>0<
    /AllowSaveAuditTrail>
    <AllowRotatingPages>1<
    /AllowRotatingPages>
    <AllowAppendFileToWorkstep>0<
    /AllowAppendFileToWorkstep>
    <AllowAppendTasksToWorkstep>0<
    /AllowAppendTasksToWorkstep>
    <AllowEmailDocument>0<
    /AllowEmailDocument>
    <AllowPrintDocument>0<
    /AllowPrintDocument>
    <AllowFinishWorkstep>1<
    /AllowFinishWorkstep>
    <AllowRejectWorkstep>1<
    /AllowRejectWorkstep>
    <AllowRejectWorkstepDelegation>0<
    /AllowRejectWorkstepDelegation>
    <AllowUndoLastAction>1<
    /AllowUndoLastAction>
    <AllowColorizePdfForms>0<
    /AllowColorizePdfForms>
    <AllowAdhocPdfAttachments>1<
    /AllowAdhocPdfAttachments>
    <AllowAdhocSignatures>1<
    /AllowAdhocSignatures>
    <AllowAdhocStampings>1<
    /AllowAdhocStampings>
    <AllowAdhocFreeHandAnnotations>1<
    /AllowAdhocFreeHandAnnotations>
    <AllowAdhocTypewriterAnnotations>1<
    /AllowAdhocTypewriterAnnotations>
    <AllowAdhocPictureAnnotations>0<
    /AllowAdhocPictureAnnotations>
    <AllowAdhocPdfPageAppending>1</AllowAdhocPdfPageAppending>
  </GeneralPolicies>
</AdhocWorkstepConfiguration>
```

For the api call in SOAP you also need the following configuration:

```
<prepareSendEnvelopeStepsDescriptor>
  <clearFieldMarkupString>1</clearFieldMarkupString>
</prepareSendEnvelopeStepsDescriptor>
```

In REST you already have this configuration:

```
"PrepareSendEnvelopeStepsDescriptor": {
  "ClearFieldMarkupString": true
}
```

AdditionalClientWorkstepInformation

This field is used to provide additional information. Note: Must be written in XML form.



Defining a MetaDataXML sets the value only if AdditionalClientWorkstepInformation is not already set via api. For example:

1. Setting *AdditionalClientWorkstepInformation* AND *MetaDataXml*

```
"SendEnvelopeDescription": {
  "MetaDataXml": "<Tagging doctype=\"INVOICE\"><InvoiceNr>123456</InvoiceNr></Tagging>",
  ...
"Recipients": [
  {
    "Email": "##email##",
    ...
  }
],
"RecipientType": "Signer",
"WorkstepConfiguration": {
  "AdditionalClientWorkstepInformation": "<test id='test'>Some Information</test>",
  ...
}
```

a. results in

```
<AdditionalClientWorkstepInformation>
  <test id='test'>Some Information</test>
</AdditionalClientWorkstepInformation>
```

2. Setting *AdditionalClientWorkstepInformation* only

```
"SendEnvelopeDescription": {  
  ...  
  "Recipients": [  
    {  
      "Email": "##email##",  
      ...  
    }  
  ],  
  "RecipientType": "Signer",  
  "WorkstepConfiguration": {  
    "AdditionalClientWorkstepInformation": "<test id='test'>Some Information</test>",  
    ...  
  }  
}
```

a. results in

```
<AdditionalClientWorkstepInformation>  
  <test id='test'>Some Information</test>  
</AdditionalClientWorkstepInformation>
```

3. Setting *MetaDataXml* only

```
"SendEnvelopeDescription": {  
  "MetaDataXml": "<Tagging doctype='INVOICE'><InvoiceNr>123456</InvoiceNr></Tagging>",  
  ...  
  "Recipients": [  
    {  
      "Email": "##email##",  
      ...  
    }  
  ],  
  "RecipientType": "Signer",  
  "WorkstepConfiguration": {  
    ...  
  }  
}
```

a. results in

```
<AdditionalClientWorkstepInformation>  
  <signature>  
    <Tagging doctype="INVOICE">  
      <InvoiceNr>123456</InvoiceNr>  
    </Tagging>  
  </signature>  
</AdditionalClientWorkstepInformation>
```

Expiration date ≥21.16

Note: The following information is valid for envelopes as well as for drafts: Settings for the relative time:

- Envelope expiry as relative time, provided in seconds (or milliseconds) after sending the envelope
- Envelope expiry as relative time, in days after sending the envelope

Settings for the absolute time:

- Envelope expiry as absolute time, as timestamp in GMT (with Z in the timestamp text) or optional with defined timezone

Please note the following: Defining no option will lead to usage of the default value of 28 days. Moreover, if you configure an absolute expiry time which is already in the past at time of sending the envelope, an error message will be returned. For the draft, it is required to have both options - store absolute or relative time. For the envelopes, only an absolute timestamp is required to be set and considered while being in progress. Please also see the next REST API configuration.

Absolute expiration date:

```
// works with envelope/send
// works with draft/create
"SendEnvelopeDescription": {
  ...
  "ExpirationDate": "2021-03-22T08:34:50.775Z",
  ...
}
// works with draft/createFromTemplate
// works with envelope/sendFromTemplate
"EnvelopeOverrideOptions": {
  ...
  "ExpirationDate": "2021-03-22T08:34:50.775Z",
  ...
}
// works with draft/update
{
  "ExpirationDate": "2021-03-22T08:34:50.775Z"
}
```

Relative expiration date:

```
// works with envelope/send
// works with draft/create
"SendEnvelopeDescription": {
  ...
  "DaysUntilExpire": 1,
  // EXCLUSIVE OR!! (Only one is allowed - otherwise error)
  "ExpirationInSecondsAfterSending": 86400,
  ...
}
// works with draft/createFromTemplate
// works with envelope/sendFromTemplate
"EnvelopeOverrideOptions": {
  ...
  "DaysUntilExpire": 1,
  // EXCLUSIVE OR!! (Only one is allowed - otherwise error)
  "ExpirationInSecondsAfterSending": 86400,
  ...
}
// works with draft/update
{
  "ExpirationInSecondsAfterSending": }
}
```



Please note the following: An absolute expiration date is used in this example. Please

also note the date format (YYYY-MM-DD[T]HH:mm:ssZ).

For example:

- 2022-12-24T18:21Z
- 2022-01-01T12:00:00+01:00

Viewer preferences

Following lines of code show some viewer preferences configurations:

```

"ViewerPreferences": {
  "ShowPageNavigationButtons": true,
  "ShowThumbnails": true,
  "SkipFinishConfirmDialog": true,
  "SkipDocumentDialog": true,
  "ShowImagesInFullWidth": true,
  "DisableGeolocation": true,
  "ShowDocumentDownloadDialogAfterAutomaticFinish": true,
  "SkipPreviewImageOnDisposableCertificate": true,
  "LoadCustomJs": true,
  "AllowCustomButtons": true,
  "ShowVersionNumber": true,
  "EnableWarningPopupOnLeave": true,
  "FinishWorkstepOnOpen": true,
  "AutoFinishAfterRequiredTasksDone": true,
  "SkipThankYouDialog": true,
  "ShowTopBar": true,
  "DisplayRejectButtonInTopBar": true,
  "ShowStartGuidingHint": true,
  "ShowStatusBar": true,
  "ShowZoomButtons": true,
  "ShowNoGeolocationWarning": true,
  "AutoStartGuiding": true,
  "ShowPageGap": true,
  "ShowPageNavigationButtons": true,
  "ShowFinishPossibleHint": true,
  "SkipRejectConfirmDialog": true,
  "BatchSigningDisableNextButtonUntilDialogScrolledToBottom": true
}

```

```

<ViewerPreferences>
  <ShowThumbnails>1</ShowThumbnails>
  <ShowStatusBar>1</ShowStatusBar>
  <ShowTopBar>1</ShowTopBar>
  <FinishWorkstepOnOpen>1</FinishWorkstepOnOpen>
  <BatchSigningDisableNextButtonUntilDialogScrolledToBottom>1<
/BatchSigningDisableNextButtonUntilDialogScrolledToBottom>
  <GuidingBehavior>GuideRequiredAndOptionalTasks</GuidingBehavior>
  <BatchSigningType>Basic</BatchSigningType>
  <FormFieldsGuidingBehavior>AllowSubmitAlways</FormFieldsGuidingBehavior>
  <GuidingBehaviorOnFinishedTask>MoveToNext</GuidingBehaviorOnFinishedTask>
  <SkipPreviewImageOnDisposableCertificate>1</SkipPreviewImageOnDisposableCertificate>
  <ShowPageNavigationButtons>1</ShowPageNavigationButtons>
  <ShowZoomButtons>1</ShowZoomButtons>
  <ShowPageGap>1</ShowPageGap>
  <SkipFinishConfirmDialog>1</SkipFinishConfirmDialog>
  <SkipRejectConfirmDialog>1</SkipRejectConfirmDialog>
  <SkipDocumentDialog>1</SkipDocumentDialog>
  <ShowImagesInFullWidth>1</ShowImagesInFullWidth>
  <DisableGeolocation>1</DisableGeolocation>
  <ShowNoGeolocationWarning>1</ShowNoGeolocationWarning>
  <ShowDocumentDownloadDialogAfterAutomaticFinish>1</ShowDocumentDownloadDialogAfterAutomaticFinish>
  <AllowCustomButtons>1</AllowCustomButtons>
  <AutoFinishAfterRequiredTasksDone>1</AutoFinishAfterRequiredTasksDone>
  <DisplayRejectButtonInTopBar>1</DisplayRejectButtonInTopBar>
  <TriggerBankIdDesktopApp>1</TriggerBankIdDesktopApp>
  <AutoStartGuiding>1</AutoStartGuiding>
  <EnableWarningPopupOnLeave>1</EnableWarningPopupOnLeave>
  <WarningPopupDisplayAfter>FillOrSignField</WarningPopupDisplayAfter>
  <DocumentViewingMode>EndlessPaperAllDocuments</DocumentViewingMode>
  <SendVisibleArea allowedDomain="">1</SendVisibleArea>
</ViewerPreferences>

```

Policy

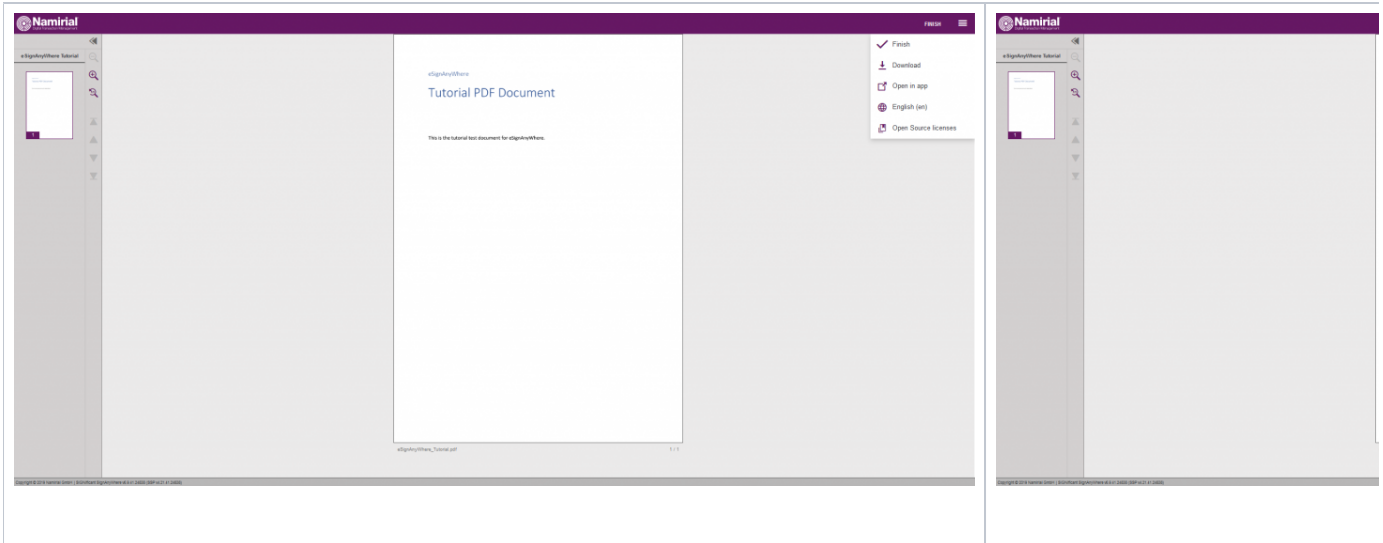
The following list shows the policy configurations:

Note: With the value "1" you enable the policy and with the value "0" you disable the policy. In the following list all policies are enabled.

```
"Policy": {
  "GeneralPolicies": {
    "AllowSaveDocument": true,
    "AllowSaveAuditTrail": true,
    "AllowRotatingPages": true,
    "AllowAppendFileToWorkstep": true,
    "AllowAppendTaskToWorkstep": true,
    "AllowEmailDocument": true,
    "AllowPrintDocument": true,
    "AllowFinishWorkstep": true,
    "AllowRejectWorkstep": true,
    "AllowRejectWorkstepDelegation": true,
    "AllowUndoLastAction": true,
    "AllowColorizePdfForms": true,
    "AllowAdhocPdfAttachments": true,
    "AllowAdhocSignatures": true,
    "AllowAdhocStampings": true,
    "AllowAdhocFreeHandAnnotations": true,
    "AllowAdhocTypewriterAnnotations": true,
    "AllowAdhocPictureAnnotations": true,
    "AllowAdhocPdfPageAppending": true,
    "AllowReloadOfFinishedWorkstep": true,
  }
},
```

```
<GeneralPolicies>
  <AllowSaveDocument>1</AllowSaveDocument>
  <AllowSaveAuditTrail>1</AllowSaveAuditTrail>
  <AllowRotatingPages>1</AllowRotatingPages>
  <AllowAppendFileToWorkstep>1</AllowAppendFileToWorkstep>
  <AllowAppendTasksToWorkstep>1</AllowAppendTasksToWorkstep>
  <AllowEmailDocument>1</AllowEmailDocument>
  <AllowPrintDocument>1</AllowPrintDocument>
  <AllowFinishWorkstep>1</AllowFinishWorkstep>
  <AllowRejectWorkstep>1</AllowRejectWorkstep>
  <AllowRejectWorkstepDelegation>1</AllowRejectWorkstepDelegation>
  <AllowUndoLastAction>1</AllowUndoLastAction>
  <AllowColorizePdfForms>1</AllowColorizePdfForms>
  <AllowReloadOfFinishedWorkstep>1</AllowReloadOfFinishedWorkstep>
  <AllowAdhocPdfAttachments>1</AllowAdhocPdfAttachments>
  <AllowAdhocSignatures>1</AllowAdhocSignatures>
  <AllowAdhocStampings>1</AllowAdhocStampings>
  <AllowAdhocFreeHandAnnotations>1</AllowAdhocFreeHandAnnotations>
  <AllowAdhocTypewriterAnnotations>1</AllowAdhocTypewriterAnnotations>
  <AllowAdhocPictureAnnotations>1</AllowAdhocPictureAnnotations>
  <AllowAdhocPdfPageAppending>1</AllowAdhocPdfPageAppending>
</GeneralPolicies>
```

All policies disabled	All policies enabled
-----------------------	----------------------



As you can see on the right screenshot the recipient of the envelope can now print the document as well as reject the envelope and more.

Client Actions

In this section you can define client actions. For detailed information please have a look at the configuration below.

```
"ClientActions": [
  {
    "RemoveDocumentFromRecentDocumentList": false,
    "CallClientActionOnlyAfterSuccessfulSync": true,
    "ClientName": "SIGNificant SignAnywhere",
    "CloseApp": false,
    "Action": "https://www.esignanywhere.net/"
  }
],
```

```
<FinishAction>
  <ClientAction clientName="SIGNificant SignAnywhere" closeApp="0"
RemoveDocumentFromRecentDocumentList="0" CallClientActionOnlyAfterSuccessfulSync="1">https://www.esignanywhere.
net/</ClientAction>
</FinishAction>
```

Sender and receiver information

Sender information:

```
"SenderInformation": {
  "UserInformation": {
    "FirstName": "##NAME##",
    "LastName": "##NAME##",
    "EMail": "##EMAIL##"
  }
},
```

```

<senderInformation>
  <userInformation>
    <firstName>FIRSTNAME</firstName>
    <lastName>LASTNAME</lastName>
    <eMail>##EMAIL##</eMail>
  </userInformation>
</senderInformation>

```

Receiver information:

```

"ReceiverInformation": {
  "UserInformation": {
    "FirstName": "##NAME##",
    "LastName": "##NAME##",
    "EMail": "##EMAIL##"
  }
},

```

```

<receiverInformation>
  <userInformation>
    <firstName>FIRSTNAME</firstName>
    <lastName>LASTNAME</lastName>
    <eMail>##EMAIL##</eMail>
  </userInformation>
  <showNamirialDisposableDisclaimer>0</showNamirialDisposableDisclaimer>
</receiverInformation>

```

Workstep task

Every task you add to the envelope you have to add also in the section Tasks in REST and in the following section if you create the envelope with SOAP: <WorkstepTasks>##TASK##</WorkstepTasks>. Furthermore you have to define the signature in the section signature template (only in SOAP):

Signatures

Note: In the StampImprintConfiguration you can define which data should be displayed after signing. So you could set, for example, that the IP address and the name should not be displayed after signing. Please see the next sample for a configuration in which all data is displayed. This is followed by a configuration in which only the date, the transaction token and the transaction id should be displayed.



This sample was carried out with an SMS-OTP signature. With such a signature type, in addition to the name, IP address etc., the transaction token and telephone number can be displayed or hidden too.

Note: If you want to hide all data just set the following variable false:
"DisplayExtraInformation": false,

```

"AllowedSignatureTypes": [
  {
    "TrModType": "TransactionCodeSenderPlugin",
    "TrValidityInSeconds": 300,
    "Ly": "simpleTransactionCodeSms",
    "TrConfId": "otpSignatureSmsText",
    "IsPhoneNumberRequired": false,
    "Id": "cee105ae-f407-42f9-993c-6b664055f5fb",
    "DiscriminatorType": "SigTypeTransactionCode",
    "Preferred": false,
    "StampImprintConfiguration": {
      "DisplayExtraInformation": true,
      "DisplayEmail": true,
      "OverrideLegacyStampImprint": true,
      "DisplayTransactionId": true,
      "DisplayTransaktionToken": true,
      "DisplayPhoneNumber": true,
      "DisplayIp": true,
      "DisplayName": true,
      "DisplaySignatureDate": true,
      "FontFamily": "Times New Roman",
      "FontSize": 11.0
    }
  },
  {
    "UseTimestamp": false,
    "IsRequired": true,
    "Id": "1#XyzmoDuplicateIdSeperator#Signature_0d123383-e054-81ec-0b17-96c4e7b955b3",
    "DisplayName": "",
    "DocRefNumber": 1,
    "DiscriminatorType": "Signature"
  }
]
},
}

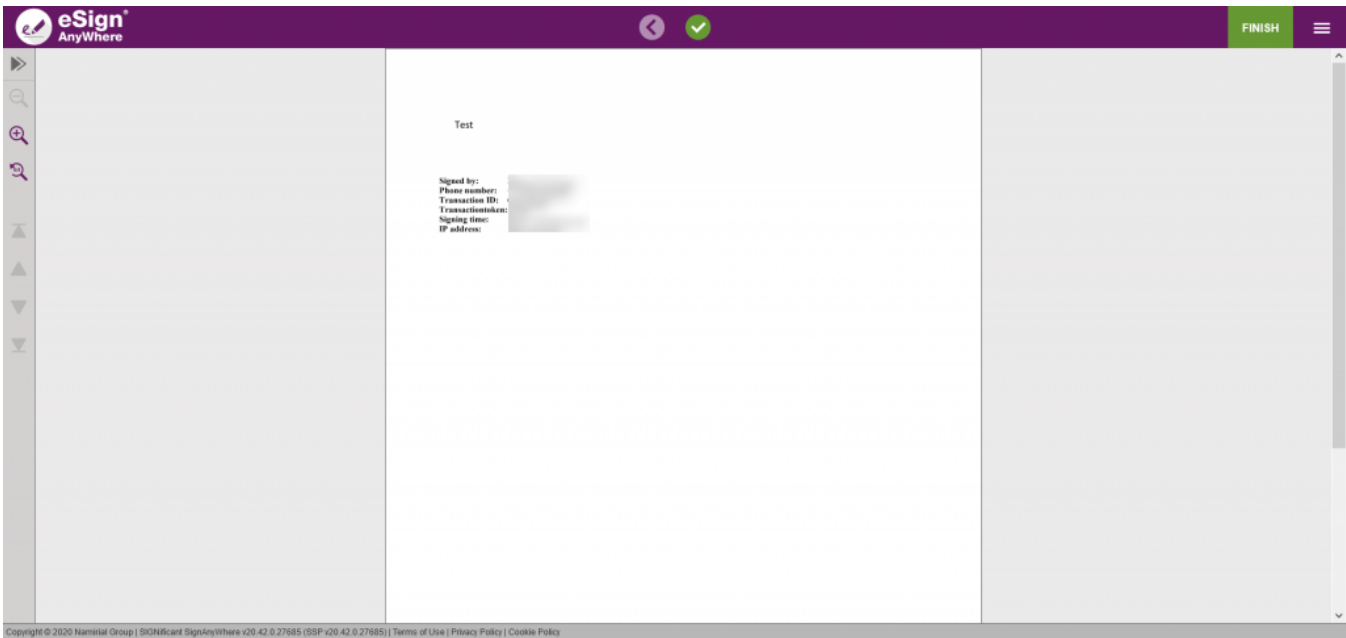
```

```

<AllowedSignatureTypes>
  <sigType id="3dd00265-9101-4b90-b2ac-330fa8f2180a" type="TransactionCode">
    <trModType>TransactionCodeSenderPlugin</trModType>
    <trConfId>otpSignatureSmsText</trConfId>
    <trValidityInSeconds>300</trValidityInSeconds>
    <ly>simpleTransactionCodeSms</ly>
    <phoneNumber>##phoneNumber##</phoneNumber>
    <StampImprintConfiguration>
      <DisplayExtraInformation>1</DisplayExtraInformation>
    <OverrideLegacyStampImprint>1</OverrideLegacyStampImprint>
    <DisplayTransactionId>1</DisplayTransactionId>
    <DisplayTransaktionToken>1</DisplayTransaktionToken>
    <DisplayPhoneNumber>1</DisplayPhoneNumber>
    <DisplayEmail>1</DisplayEmail>
    <DisplayIp>1</DisplayIp>
    <DisplayName>1</DisplayName>
    <DisplaySignatureDate>1</DisplaySignatureDate>
    <FontFamily>Times New Roman</FontFamily>
    <FontSize>11</FontSize>
  </StampImprintConfiguration>
</sigType>
</AllowedSignatureTypes>

```

Result (All data shown):



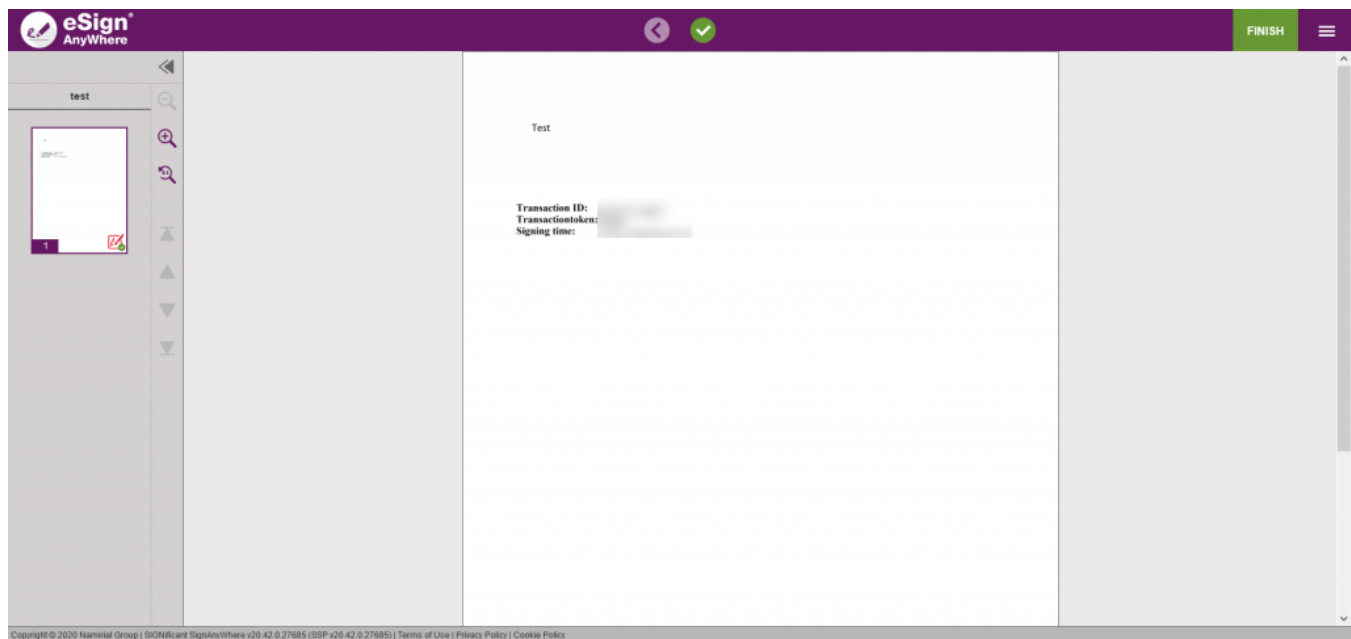
```
"AllowedSignatureTypes": [
  {
    "TrModType": "TransactionCodeSenderPlugin",
    "TrValidityInSeconds": 300,
    "Ly": "simpleTransactionCodeSms",
    "TrConfId": "otpSignatureSmsText",
    "IsPhoneNumberRequired": false,
    "Id": "cee105ae-f407-42f9-993c-6b664055f5fb",
    "DiscriminatorType": "SigTypeTransactionCode",
    "Preferred": false,
    "StampImprintConfiguration": {
      "DisplayExtraInformation": true,
      "DisplayEmail": false,
      "OverrideLegacyStampImprint": false,
      "DisplayTransactionId": true,
      "DisplayTransaktionToken": true,
      "DisplayPhoneNumber": false,
      "DisplayIp": false,
      "DisplayName": false,
      "DisplaySignatureDate": true,
      "FontFamily": "Times New Roman",
      "FontSize": 11.0
    }
  },
  {
    "UseTimestamp": false,
    "IsRequired": true,
    "Id": "1#XyzmoDuplicateIdSeperator#Signature_0d123383-e054-81ec-0b17-96c4e7b955b3",
    "DisplayName": "",
    "DocRefNumber": 1,
    "DiscriminatorType": "Signature"
  }
],
}
```

```

<AllowedSignatureTypes>
  <sigType id="3dd00265-9101-4b90-b2ac-330fa8f2180a" type="TransactionCode">
    <trModType>TransactionCodeSenderPlugin</trModType>
    <trConfId>otpSignatureSmsText</trConfId>
    <trValidityInSeconds>300</trValidityInSeconds>
    <ly>simpleTransactionCodeSms</ly>
    <phonenum>##phonenum##</phonenum>
    <StampImprintConfiguration>
      <DisplayExtraInformation>1</DisplayExtraInformation>
      <OverrideLegacyStampImprint>0</OverrideLegacyStampImprint>
      <DisplayTransactionId>1</DisplayTransactionId>
      <DisplayTransaktionToken>1</DisplayTransaktionToken>
      <DisplayPhoneNumber>0</DisplayPhoneNumber>
      <DisplayEmail>0</DisplayEmail>
      <DisplayIp>0</DisplayIp>
      <DisplayName>0</DisplayName>
      <DisplaySignatureDate>1</DisplaySignatureDate>
      <FontFamily>Times New Roman</FontFamily>
      <FontSize>11</FontSize>
    </StampImprintConfiguration>
  </sigType>
</AllowedSignatureTypes>

```

Result (Transaction token, Transaction ID, Signing time):



Click2Sign

This is the simplest signature type, the signer has just to click on the signature field to sing it.

```

"WorkstepTasks": {
  "PictureAnnotationMinResolution": 0,
  "PictureAnnotationMaxResolution": 0,
  "PictureAnnotationColorDepth": "Color16M",
  "SequenceMode": "NoSequenceEnforced",
  "PositionUnits": "PdfUnits",
  "ReferenceCorner": "Lower_Left",
  "Tasks": [
    {
      "PositionPage": 1,
      "Position": {
        "PositionX": 69.0,
        "PositionY": 529.92
      }
    }
  ]
}

```

```

    },
    "Size": {
      "Height": 80.0,
      "Width": 190.0
    },
    "AdditionalParameters": [
      {
        "Key": "enabled",
        "Value": "1"
      },
      {
        "Key": "positioning",
        "Value": "onPage"
      },
      {
        "Key": "req",
        "Value": "1"
      },
      {
        "Key": "fd",
        "Value": ""
      },
      {
        "Key": "fd_dateformat",
        "Value": "dd-MM-yyyy HH:mm:ss"
      },
      {
        "Key": "fd_timezone",
        "Value": "datetimeutc"
      }
    ],
    "AllowedSignatureTypes": [
      {
        "AllowedCapturingMethod": "Click2Sign",
        "StampImprintConfiguration": {
          "DisplayExtraInformation": true,
          "DisplayEmail": true,
          "DisplayIp": true,
          "DisplayName": true,
          "DisplaySignatureDate": true,
          "FontFamily": "Times New Roman",
          "FontSize": 11.0
        },
        "Id": "d63ec0d5-a2ca-46d9-9c73-7bd8d91aa4ea",
        "DiscriminatorType": "SigTypeClick2Sign",
        "Preferred": true
      }
    ],
    "UseTimestamp": false,
    "IsRequired": true,
    "Id": "1#XyzmoDuplicateIdSeperator#Signature_94816166-6b59-1cc1-de9b-285633162aef",
    "DisplayName": "",
    "DocRefNumber": 1,
    "DiscriminatorType": "Signature"
  }
]
}
},
},

```

```

<sig id="93cce567-ae5c-4e98-ac99-9f56ac034250">
  <positionPage>1</positionPage>
  <DocRefNumber>1</DocRefNumber>
  <positionX>80.22857</positionX>
  <positionY>158.8629</positionY>
  <width>171.4286</width>
  <height>68.57143</height>
  <param name="enabled">1</param>
  <param name="completed">0</param>
  <param name="sigType">Picture</param>
  <param name="positioning">onPage</param>
  <param name="allowedCapturingMethods">Click2Sign</param>
</sig>

```

Draw2Sign

This type allows the signer to draw a signature by mouse, finger or pen. Just an image of the signature is created and embedded into the document.

```

"WorkstepTasks": {
  "PictureAnnotationMinResolution": 0,
  "PictureAnnotationMaxResolution": 0,
  "PictureAnnotationColorDepth": "Color16M",
  "SequenceMode": "NoSequenceEnforced",
  "PositionUnits": "PdfUnits",
  "ReferenceCorner": "Lower_Left",
  "Tasks": [
    {
      "PositionPage": 1,
      "Position": {
        "PositionX": 69.0,
        "PositionY": 529.92
      },
      "Size": {
        "Height": 80.0,
        "Width": 190.0
      },
      "AdditionalParameters": [
        {
          "Key": "enabled",
          "Value": "1"
        },
        {
          "Key": "positioning",
          "Value": "onPage"
        },
        {
          "Key": "req",
          "Value": "1"
        },
        {
          "Key": "fd",
          "Value": ""
        },
        {
          "Key": "fd_dateformat",
          "Value": "dd-MM-yyyy HH:mm:ss"
        },
        {
          "Key": "fd_timezone",
          "Value": "datetimetype"
        }
      ],
      "AllowedSignatureTypes": [
        {
          "AllowedCapturingMethod": "Draw2Sign",
          "StampImprintConfiguration": {
            "DisplayExtraInformation": true,
            "DisplayEmail": true,

```

```

        "DisplayIp": true,
        "DisplayName": true,
        "DisplaySignatureDate": true,
        "FontFamily": "Times New Roman",
        "FontSize": 11.0
    },
    "Id": "d63ec0d5-a2ca-46d9-9c73-7bd8d91aa4ea",
    "DiscriminatorType": "SigTypeDraw2Sign",
    "Preferred": true
}
],
"UseTimestamp": false,
"IsRequired": true,
"Id": "1#XyzmoDuplicateIdSeperator#Signature_94816166-6b59-1cc1-de9b-285633162aef",
"DisplayName": "",
"DocRefNumber": 1,
"DiscriminatorType": "Signature"
}
]
}
}
},

```

```

<sig id="93cce567-ae5c-4e98-ac99-9f56ac034250">
  <positionPage>1</positionPage>
  <DocRefNumber>1</DocRefNumber>
  <positionX>80.22857</positionX>
  <positionY>158.8629</positionY>
  <width>171.4286</width>
  <height>68.57143</height>
  <param name="enabled">1</param>
  <param name="completed">0</param>
  <param name="sigType">Picture</param>
  <param name="positioning">onPage</param>
  <param name="allowedCapturingMethods">Draw2Sign</param>
</sig>

```

Type2Sign

With this type of signature the signer has to type in his/her name to sign the signature field.

```

"WorkstepTasks": {
  "PictureAnnotationMinResolution": 0,
  "PictureAnnotationMaxResolution": 0,
  "PictureAnnotationColorDepth": "Color16M",
  "SequenceMode": "NoSequenceEnforced",
  "PositionUnits": "PdfUnits",
  "ReferenceCorner": "Lower_Left",
  "Tasks": [
    {
      "PositionPage": 1,
      "Position": {
        "PositionX": 69.0,
        "PositionY": 529.92
      },
      "Size": {
        "Height": 80.0,
        "Width": 190.0
      },
      "AdditionalParameters": [
        {
          "Key": "enabled",
          "Value": "1"
        },
        {
          "Key": "positioning",
          "Value": "onPage"
        }
      ]
    }
  ],

```

```

    {
      "Key": "req",
      "Value": "1"
    },
    {
      "Key": "fd",
      "Value": ""
    },
    {
      "Key": "fd_dateformat",
      "Value": "dd-MM-yyyy HH:mm:ss"
    },
    {
      "Key": "fd_timezone",
      "Value": "datetimeutc"
    }
  ],
  "AllowedSignatureTypes": [
    {
      "AllowedCapturingMethod": "Type2Sign",
      "StampImprintConfiguration": {
        "DisplayExtraInformation": true,
        "DisplayEmail": true,
        "DisplayIp": true,
        "DisplayName": true,
        "DisplaySignatureDate": true,
        "FontFamily": "Times New Roman",
        "FontSize": 11.0
      },
      "Id": "d63ec0d5-a2ca-46d9-9c73-7bd8d91aa4ea",
      "DiscriminatorType": "SigTypeType2Sign",
      "Preferred": true
    }
  ],
  "UseTimestamp": false,
  "IsRequired": true,
  "Id": "1#XyzmoDuplicateIdSeperator#Signature_94816166-6b59-1cc1-de9b-285633162aef",
  "DisplayName": "",
  "DocRefNumber": 1,
  "DiscriminatorType": "Signature"
}
]
}
},
},

```

```

<sig id="93cce567-ae5c-4e98-ac99-9f56ac034250">
  <positionPage>1</positionPage>
  <DocRefNumber>1</DocRefNumber>
  <positionX>80.22857</positionX>
  <positionY>158.8629</positionY>
  <width>171.4286</width>
  <height>68.57143</height>
  <param name="enabled">1</param>
  <param name="completed">0</param>
  <param name="sigType">Picture</param>
  <param name="positioning">onPage</param>
  <param name="allowedCapturingMethods">Type2Sign</param>
</sig>

```

Biometric

```

"WorkstepTasks": {
  "PictureAnnotationMinResolution": 0,
  "PictureAnnotationMaxResolution": 0,
  "PictureAnnotationColorDepth": "Color16M",
  "SequenceMode": "NoSequenceEnforced",
  "PositionUnits": "PdfUnits",
  "ReferenceCorner": "Lower_Left",
  "Tasks": [
    {
      "PositionPage": 1,
      "Position": {
        "PositionX": 67.0,
        "PositionY": 521.92
      },
      "Size": {
        "Height": 80.0,
        "Width": 190.0
      },
      "AdditionalParameters": [
        {
          "Key": "enabled",
          "Value": "1"
        },
        {
          "Key": "positioning",
          "Value": "intersectsWithField"
        },
        {
          "Key": "req",
          "Value": "1"
        },
        {
          "Key": "fd",
          "Value": ""
        },
        {
          "Key": "fd_dateformat",
          "Value": "dd-MM-yyyy HH:mm:ss"
        },
        {
          "Key": "fd_timezone",
          "Value": "datetimeutc"
        }
      ],
      "AllowedSignatureTypes": [
        {
          "IsBio": false,
          "AllowSkipBiometricVerification": false,
          "AllowBiometricStoringOnly": false,
          "SignedResponseWithoutBioData": false,
          "Id": "6fa90b47-847f-47b1-b73a-9c3802aa077d",
          "DiscriminatorType": "SigTypeBiometricSignature",
          "Preferred": true
        }
      ],
      "UseTimestamp": false,
      "IsRequired": true,
      "Id": "1#XyzmoDuplicateIdSeperator#Signature_532f40e1-0583-8285-fc50-c2a76dc2fa44",
      "DisplayName": "",
      "DocRefNumber": 1,
      "DiscriminatorType": "Signature"
    }
  ]
},
},
},

```

```

<sig id="93cce567-ae5c-4e98-ac99-9f56ac034250">
  <positionPage>1</positionPage>
  <DocRefNumber>1</DocRefNumber>
  <positionX>80.22857</positionX>
  <positionY>158.8629</positionY>
  <width>171.4286</width>
  <height>68.57143</height>
  <param name="enabled">1</param>
  <param name="completed">0</param>
  <param name="positioning">onPage</param>
  <AllowedSignatureTypes>
    <sigType id="672d210e-9aa1-41b5-bb24-2e1b4b079f61" type="BiometricSignature">
      <bio>0</bio>
    </sigType>
  </AllowedSignatureTypes>
</sig>

```

After adding the signature fields in the signature template you have to add these signatures in the workstep task section. Following lines of code shows an example configuration of a workstep task.

```

<WorkstepTasks SequenceMode="SequenceOnlyRequiredTasks" originalSequenceMode="SequenceOnlyRequiredTasks">
<Task enabled="1" completed="0" required="1" id="93cce567-ae5c-4e98-ac99-9f56ac034250" displayName="SignField
1" DocRefNumber="1" type="SignField" internalAllConcernedDocRefNumbersList="1"
allRequiredFieldsFilledOnWorkstepCreation="0" />
</WorkstepTasks>

```

The Id in the code within the workstep Id must be the same as the Id of the signature field

SMS-OTP

```

"WorkstepTasks": {
  "PictureAnnotationMinResolution": 0,
  "PictureAnnotationMaxResolution": 0,
  "PictureAnnotationColorDepth": "Color16M",
  "SequenceMode": "NoSequenceEnforced",
  "PositionUnits": "PdfUnits",
  "ReferenceCorner": "Lower_Left",
  "Tasks": [
    {
      "Texts": [
        {
          "Language": "en",
          "Value": "Signature Disclosure Text"
        },
        {
          "Language": "**",
          "Value": "Signature Disclosure Text"
        }
      ],
      "Headings": [
        {
          "Language": "en",
          "Value": "Signature Disclosure Subject"
        },
        {
          "Language": "**",
          "Value": "Signature Disclosure Subject"
        }
      ],
      "IsRequired": false,
      "Id": "ra",
      "DisplayName": "ra",
      "DocRefNumber": 1,
      "DiscriminatorType": "Agreements"
    },
    {
      "PositionPage": 1,

```

```

"Position": {
  "PositionX": 52.0,
  "PositionY": 586.0
},
"Size": {
  "Height": 80.0,
  "Width": 190.0
},
"AdditionalParameters": [
  {
    "Key": "enabled",
    "Value": "1"
  },
  {
    "Key": "completed",
    "Value": "0"
  },
  {
    "Key": "req",
    "Value": "1"
  },
  {
    "Key": "isPhoneNumberRequired",
    "Value": "0"
  },
  {
    "Key": "trValidityInSeconds",
    "Value": "60"
  },
  {
    "Key": "fd",
    "Value": ""
  },
  {
    "Key": "fd_dateformat",
    "Value": "dd-MM-yyyy HH:mm:ss"
  },
  {
    "Key": "fd_timezone",
    "Value": "datetimeutc"
  }
],
"AllowedSignatureTypes": [
  {
    "TrModType": "TransactionCodeSenderPlugin",
    "TrValidityInSeconds": 300,
    "TrConfId": "otpSignatureSmsText",
    "IsPhoneNumberRequired": false,
    "Ly": "simpleTransactionCodeSms",
    "Id": "c787919a-b2fd-4849-8f97-98dee281da30",
    "DiscriminatorType": "SigTypeTransactionCode",
    "Preferred": false,
    "StampImprintConfiguration": {
      "DisplayExtraInformation": true,
      "DisplayEmail": true,
      "DisplayIp": true,
      "DisplayName": true,
      "DisplaySignatureDate": true,
      "FontFamily": "Times New Roman",
      "FontSize": 11.0,
      "OverrideLegacyStampImprint": false,
      "DisplayTransactionId": true,
      "DisplayTransaktionToken": true,
      "DisplayPhoneNumber": true
    },
    "SignaturePluginConfigurationId": "ltaLevelId"
  }
],
"UseTimestamp": false,
"IsRequired": true,
"Id": "1#XyzmoDuplicateIdSeperator#Signature_e7ca3f6a-33fa-cdba-d696-1377fcad51c9",

```

```

        "DisplayName": "",
        "DocRefNumber": 1,
        "DiscriminatorType": "Signature"
    }
}
},

```

Please also see a complete configuration below. Note that the phone number for the otp is in the recipient section!

```

{
  "Name": "Test.pdf",
  "EmailSubject": "Please sign the enclosed envelope",
  "EmailBody": "Dear #RecipientFirstName# #RecipientLastName#\n\n#PersonalMessage#\n\nPlease sign the envelope\n#EnvelopeName#\n\nEnvelope will expire at #ExpirationDate#",
  "DisplayedEmailSender": "",
  "EnableReminders": true,
  "FirstReminderDayAmount": 5,
  "RecurrentReminderDayAmount": 3,
  "BeforeExpirationDayAmount": 3,
  "ExpirationInSecondsAfterSending": 2419200,
  "CallbackUrl": "",
  "StatusUpdateCallbackUrl": "",
  "LockFormFieldsAtEnvelopeFinish": false,
  "Steps": [
    {
      "OrderIndex": 1,
      "Recipients": [
        {
          "Email": "##email##",
          "FirstName": "##name##",
          "LastName": "##name##",
          "LanguageCode": "en",
          "EmailBodyExtra": "",
          "DisableEmail": false,
          "AddAndroidAppLink": false,
          "AddIosAppLink": false,
          "AddWindowsAppLink": false,
          "AllowDelegation": true,
          "AllowAccessFinishedWorkstep": false,
          "SkipExternalDataValidation": false,
          "AuthenticationMethods": [],
          "IdentificationMethods": [],
          "OtpData": {
            "PhoneMobile": "##phonenumber##"
          }
        }
      ],
      "EmailBodyExtra": "",
      "RecipientType": "Signer",
      "WorkstepConfiguration": {
        "WorkstepLabel": "Test.pdf",
        "SmallTextZoomFactorPercent": 100,
        "FinishAction": {
          "ServerActions": [],
          "ClientActions": []
        }
      },
      "ReceiverInformation": {
        "UserInformation": {
          "FirstName": "##name##",
          "LastName": "##name##",
          "Email": "##email##"
        }
      },
      "TransactionCodePushPluginData": []
    },
    {
      "SenderInformation": {
        "UserInformation": {
          "FirstName": "##name##",
          "LastName": "##name##",
          "Email": "##email##"
        }
      }
    }
  ]
}

```

```

},
"TransactionCodeConfigurations": [],
"SignatureConfigurations": [],
"ViewerPreferences": {
  "FinishWorkstepOnOpen": false,
  "VisibleAreaOptions": {
    "AllowedDomain": "",
    "Enabled": false
  }
},
"ResourceUri": {
  "DelegationUri": ""
},
"AuditingToolsConfiguration": {
  "WriteAuditTrail": true
},
"Policy": {
  "GeneralPolicies": {
    "AllowSaveDocument": true,
    "AllowSaveAuditTrail": true,
    "AllowRotatingPages": false,
    "AllowAppendFileToWorkstep": false,
    "AllowAppendTaskToWorkstep": false,
    "AllowEmailDocument": true,
    "AllowPrintDocument": true,
    "AllowFinishWorkstep": true,
    "AllowRejectWorkstep": true,
    "AllowRejectWorkstepDelegation": true,
    "AllowUndoLastAction": true,
    "AllowColorizePdfForms": false,
    "AllowAdhocPdfAttachments": false,
    "AllowAdhocSignatures": false,
    "AllowAdhocStampings": false,
    "AllowAdhocFreeHandAnnotations": false,
    "AllowAdhocTypewriterAnnotations": false,
    "AllowAdhocPictureAnnotations": false,
    "AllowAdhocPdfPageAppending": false,
    "AllowReloadOfFinishedWorkstep": true
  },
  "WorkstepTasks": {
    "PictureAnnotationMinResolution": 0,
    "PictureAnnotationMaxResolution": 0,
    "PictureAnnotationColorDepth": "Color16M",
    "SequenceMode": "NoSequenceEnforced",
    "PositionUnits": "PdfUnits",
    "ReferenceCorner": "Lower_Left",
    "Tasks": [
      {
        "Texts": [
          {
            "Language": "en",
            "Value": "Signature Disclosure Text"
          },
          {
            "Language": "",
            "Value": "Signature Disclosure Text"
          }
        ],
        "Headings": [
          {
            "Language": "en",
            "Value": "Signature Disclosure Subject"
          },
          {
            "Language": "",
            "Value": "Signature Disclosure Subject"
          }
        ],
        "IsRequired": false,
        "Id": "ra",
        "DisplayName": "ra",

```

```

    "DocRefNumber": 1,
    "DiscriminatorType": "Agreements"
  },
  {
    "PositionPage": 1,
    "Position": {
      "PositionX": 52.0,
      "PositionY": 586.0
    },
    "Size": {
      "Height": 80.0,
      "Width": 190.0
    },
    "AdditionalParameters": [
      {
        "Key": "enabled",
        "Value": "1"
      },
      {
        "Key": "completed",
        "Value": "0"
      },
      {
        "Key": "req",
        "Value": "1"
      },
      {
        "Key": "isPhoneNumberRequired",
        "Value": "0"
      },
      {
        "Key": "trValidityInSeconds",
        "Value": "60"
      },
      {
        "Key": "fd",
        "Value": ""
      },
      {
        "Key": "fd_dateformat",
        "Value": "dd-MM-yyyy HH:mm:ss"
      },
      {
        "Key": "fd_timezone",
        "Value": "datetimeutc"
      }
    ],
    "AllowedSignatureTypes": [
      {
        "TrModType": "TransactionCodeSenderPlugin",
        "TrValidityInSeconds": 300,
        "TrConfId": "otpSignatureSmsText",
        "IsPhoneNumberRequired": false,
        "Ly": "simpleTransactionCodeSms",
        "Id": "c787919a-b2fd-4849-8f97-98dee281da30",
        "DiscriminatorType": "SigTypeTransactionCode",
        "Preferred": false,
        "StampImprintConfiguration": {
          "DisplayExtraInformation": true,
          "DisplayEmail": true,
          "DisplayIp": true,
          "DisplayName": true,
          "DisplaySignatureDate": true,
          "FontFamily": "Times New Roman",
          "FontSize": 11.0,
          "OverrideLegacyStampImprint": false,
          "DisplayTransactionId": true,
          "DisplayTransaktionToken": true,
          "DisplayPhoneNumber": true
        },
        "SignaturePluginConfigurationId": "ltaLevelId"
      }
    ]
  }

```

```

        }
    ],
    "UseTimestamp": false,
    "IsRequired": true,
    "Id": "1#XyzmoDuplicateIdSeperator#Signature_e7ca3f6a-33fa-cdba-d696-1377fcad51c9",
    "DisplayName": "",
    "DocRefNumber": 1,
    "DiscriminatorType": "Signature"
    }
    ],
    },
    "FinalizeActions": {
        "FinalizeActionList": [
            {
                "DocRefNumbers": "*",
                "SpcId": "ltalevelId",
                "DiscriminatorType": "Timestamp"
            }
        ]
    }
    },
    "Navigation": {
        "HyperLinks": [],
        "Links": [],
        "LinkTargets": []
    }
    },
    "DocumentOptions": [
        {
            "DocumentReference": "1",
            "IsHidden": false
        }
    ],
    "UseDefaultAgreements": true
    },
    {
        "OrderIndex": 2,
        "Recipients": [
            {
                "Email": "##email##",
                "FirstName": "##name##",
                "LastName": "##name##",
                "LanguageCode": "en",
                "EmailBodyExtra": "",
                "DisableEmail": false,
                "AddAndroidAppLink": false,
                "AddIosAppLink": false,
                "AddWindowsAppLink": false,
                "AllowDelegation": false,
                "SkipExternalDataValidation": false,
                "AuthenticationMethods": [],
                "IdentificationMethods": []
            }
        ],
        "EmailBodyExtra": "",
        "RecipientType": "Cc",
        "DocumentOptions": [],
        "UseDefaultAgreements": false
    }
    ],
    "AddFormFields": {
        "Forms": {}
    },
    "OverrideFormFieldValues": {
        "Forms": {}
    },
    "AttachSignedDocumentsToEnvelopeLog": false
}

```

```

<envelope>
  <name>Test.pdf</name>
  <eMailSubject>Please sign the enclosed envelope</eMailSubject>
  <eMailBody>Dear #RecipientFirstName# #RecipientLastName#

#PersonalMessage#

Please sign the envelope #EnvelopeName#

Envelope will expire at #ExpirationDate#</eMailBody>
  <enableReminders>true</enableReminders>
  <firstReminderDayAmount>5</firstReminderDayAmount>
  <recurrentReminderDayAmount>3</recurrentReminderDayAmount>
  <beforeExpirationReminderDayAmount>3</beforeExpirationReminderDayAmount>
  <daysUntilExpire>28</daysUntilExpire>
  <callbackUrl></callbackUrl>
  <statusUpdateCallbackUrl></statusUpdateCallbackUrl>
  <lockFormFieldsAtEnvelopeFinish>false</lockFormFieldsAtEnvelopeFinish>
  <displayedEmailSender></displayedEmailSender>
  <steps>
    <step>
      <emailBodyExtra></emailBodyExtra>
      <orderIndex>1</orderIndex>
      <recipientType>Signer</recipientType>
      <useDefaultAgreements>true</useDefaultAgreements>
      <documentOptions>
        <documentOption docRef="1">
          <isHidden>false</isHidden>
        </documentOption>
      </documentOptions>
      <workstepConfiguration skipThirdPartyChecks="0">
        <WorkstepLabel>Test.pdf</WorkstepLabel>
        <SmallTextZoomFactorPercent>100</SmallTextZoomFactorPercent>
        <AbsoluteExpiryDate>2022-02-24T11:42:06.9452877Z</AbsoluteExpiryDate>
        <WorkstepTimeToLiveInMinutes>43210</WorkstepTimeToLiveInMinutes>
        <FinishAction />
        <signatureTemplate>
          <version>1.2.0.2</version>
          <positionUnits>PdfUnits</positionUnits>
          <positionReferenceCorner>Lower_Left</positionReferenceCorner>
          <sig useTimestamp="false" id="1#XyzmoDuplicateIdSeperator#Signature_e7ca3f6a-33fa-cdba-d696-1377fcad51c9">
            <positionPage>1</positionPage>
            <DocRefNumber>1</DocRefNumber>
            <positionX>52</positionX>
            <positionY>586</positionY>
            <width>190</width>
            <height>80</height>
            <param name="enabled">1</param>
            <param name="completed">0</param>
            <param name="req">1</param>
            <param name="isPhoneNumberRequired">0</param>
            <param name="trValidityInSeconds">60</param>
            <param name="fd" />
            <param name="fd_dateformat">dd-MM-yyyy HH:mm:ss</param>
            <param name="fd_timezone">datetimetype</param>
            <AllowedSignatureTypes>
              <sigType id="00ea98dd-5bc3-4ab6-93f7-f87f5277f7d2" type="TransactionCode" preferred="false">
                <spcId>ltaLevelId</spcId>
                <trModType>TransactionCodeSenderPlugin</trModType>
                <trValidityInSeconds>300</trValidityInSeconds>
                <trConfId>otpSignatureSmsText</trConfId>
                <phonenumber>##phonenumber##</phonenumber>
                <ly>simpleTransactionCodeSms</ly>
                <isPhoneNumberRequired>0</isPhoneNumberRequired>
              </sigType>
            </AllowedSignatureTypes>
            <StampImprintConfiguration>
              <DisplayExtraInformation>1</DisplayExtraInformation>
              <OverrideLegacyStampImprint>0</OverrideLegacyStampImprint>
              <DisplayTransactionId>1</DisplayTransactionId>
              <DisplayTransactionToken>1</DisplayTransactionToken>
              <DisplayPhoneNumber>1</DisplayPhoneNumber>
            </StampImprintConfiguration>
          </sig>
        </signatureTemplate>
      </workstepConfiguration>
    </step>
  </steps>

```

```

        <DisplayEmail>1</DisplayEmail>
        <DisplayIp>1</DisplayIp>
        <DisplayName>1</DisplayName>
        <DisplaySignatureDate>1</DisplaySignatureDate>
        <FontFamily>Times New Roman</FontFamily>
        <FontSize>11</FontSize>
    </StampImprintConfiguration>
</sigType>
</AllowedSignatureTypes>
</sig>
</signatureTemplate>
<senderInformation>
    <userInformation>
        <firstName>##NAME##</firstName>
        <lastName>##NAME##</lastName>
        <eMail>##EMAIL##</eMail>
    </userInformation>
</senderInformation>
<receiverInformation>
    <userInformation>
        <firstName>##NAME##</firstName>
        <lastName>##NAME##</lastName>
        <eMail>##EMAIL##</eMail>
    </userInformation>
    <showNamirialDisposableDisclaimer>1</showNamirialDisposableDisclaimer>
</receiverInformation>
<Agreements>
    <text language="en">Signature Disclosure Text</text>
    <text language="">Signature Disclosure Text</text>
    <heading language="en">Signature Disclosure Subject</heading>
    <heading language="">Signature Disclosure Subject</heading>
</Agreements>
<pdfForms isEditingAllowed="1" />
<attachmentFields />
<TypewriterAnnotationTaskInfo />
<ViewerPreferences>
    <FinishWorkstepOnOpen>0</FinishWorkstepOnOpen>
    <SendVisibleArea allowedDomain="">0</SendVisibleArea>
</ViewerPreferences>
<Policy version="1.2.0.0">
    <GeneralPolicies>
        <AllowSaveDocument>1</AllowSaveDocument>
        <AllowSaveAuditTrail>1</AllowSaveAuditTrail>
        <AllowDownloadOfSignedP7MFiles>0</AllowDownloadOfSignedP7MFiles>
        <AllowRotatingPages>0</AllowRotatingPages>
        <AllowAppendFileToWorkstep>0</AllowAppendFileToWorkstep>
        <AllowAppendTasksToWorkstep>0</AllowAppendTasksToWorkstep>
        <AllowEmailDocument>1</AllowEmailDocument>
        <AllowPrintDocument>1</AllowPrintDocument>
        <AllowFinishWorkstep>1</AllowFinishWorkstep>
        <AllowRejectWorkstep>1</AllowRejectWorkstep>
        <AllowRejectWorkstepDelegation>1</AllowRejectWorkstepDelegation>
        <AllowUndoLastAction>1</AllowUndoLastAction>
        <AllowColorizePdfForms>0</AllowColorizePdfForms>
        <AllowReloadOfFinishedWorkstep>1</AllowReloadOfFinishedWorkstep>
        <AllowAdhocPdfAttachments>0</AllowAdhocPdfAttachments>
        <AllowAdhocSignatures>0</AllowAdhocSignatures>
        <AllowAdhocStampings>0</AllowAdhocStampings>
        <AllowAdhocFreeHandAnnotations>0</AllowAdhocFreeHandAnnotations>
        <AllowAdhocTypewriterAnnotations>0</AllowAdhocTypewriterAnnotations>
        <AllowAdhocPictureAnnotations>0</AllowAdhocPictureAnnotations>
        <AllowAdhocPdfPageAppending>0</AllowAdhocPdfPageAppending>
    </GeneralPolicies>
    <WorkstepTasks SequenceMode="NoSequenceEnforced">
        <Task enabled="1" completed="0" required="0" id="ra" displayName="ra" DocRefNumber="1" type="
ReadAgreement" finishPercentage="0" />
        <Task enabled="1" completed="0" required="1" id="1#XyzmoDuplicateIdSeperator#Signature_e7ca3f6a-
33fa-cdba-d696-1377fcad51c9" displayName="" DocRefNumber="1" type="SignField" finishPercentage="0" />
    </WorkstepTasks>
    <AdhocPolicies>
        <AllowModificationsAfterSignature>1</AllowModificationsAfterSignature>

```

```

    </AdhocPolicies>
    <FinalizeActions>
      <Timestamp DocRefNumbers="*" spcId="ltaLevelId" />
    </FinalizeActions>
    <completedActions />
    <TaskTransactionIds />
    <FeaturePolicies>
      <UseCustomStampImprintConfiguration>1</UseCustomStampImprintConfiguration>
    </FeaturePolicies>
  </Policy>
  <resourceUri>
    <delegationUri></delegationUri>
  </resourceUri>
  <LoggingMetaInformation>
    <envelopeId>##envelopeId##</envelopeId>
    <envelopeRecipientId>##recipientId##</envelopeRecipientId>
  </LoggingMetaInformation>
  <Navigation />
  <timeCreated>2022-02-24T11:32:06.9572846Z</timeCreated>
  <AuditingToolsConfiguration WriteAuditTrail="1" />
</workstepConfiguration>
<recipients>
  <recipient>
    <eMail>##eMail##</eMail>
    <emailBodyExtra></emailBodyExtra>
    <firstName>##name##</firstName>
    <lastName>##name##</lastName>
    <languageCode>en</languageCode>
    <disableEmail>false</disableEmail>
    <skipExternalDataValidation>false</skipExternalDataValidation>
    <addAndroidAppLink>false</addAndroidAppLink>
    <addIosAppLink>false</addIosAppLink>
    <addWindowsAppLink>false</addWindowsAppLink>
    <allowDelegation>true</allowDelegation>
    <allowAccessFinishedWorkstep>false</allowAccessFinishedWorkstep>
    <authentications />
    <identifications />
    <smsOtpAdditionalInformation>
      <phoneMobile>##phonenumber##</phoneMobile>
    </smsOtpAdditionalInformation>
  </recipient>
</recipients>
</step>
<step>
  <emailBodyExtra></emailBodyExtra>
  <orderIndex>2</orderIndex>
  <recipientType>Cc</recipientType>
  <useDefaultAgreements>false</useDefaultAgreements>
  <recipients>
    <recipient>
      <eMail>##email##</eMail>
      <emailBodyExtra></emailBodyExtra>
      <firstName>##name##</firstName>
      <lastName>##name##</lastName>
      <languageCode>en</languageCode>
      <disableEmail>false</disableEmail>
      <skipExternalDataValidation>false</skipExternalDataValidation>
      <addAndroidAppLink>false</addAndroidAppLink>
      <addIosAppLink>false</addIosAppLink>
      <addWindowsAppLink>false</addWindowsAppLink>
      <allowDelegation>false</allowDelegation>
      <authentications />
      <identifications />
    </recipient>
  </recipients>
</step>
</steps>
<attachSignedDocumentsToEnvelopeLog>false</attachSignedDocumentsToEnvelopeLog>
</envelope>

```

Disposable certificate

The disposable certificate signature is a signature variant using the Namirial Trust Service Provider services to issue a (typically qualified) electronic signing certificate on the fly during signing, on explicit request of the signer.

The implementation distinguishes between "traditional" (deprecated) and "lean" (recommended) disposable certificate procedure based on the configuration in Settings - Organization.

Registration as Local Registration Authority (LRA) at Namirial is mandatory to perform the necessary identification steps in order to issue disposable certificates. The LRA ID, service password and service username need to be configured in Settings - Organization.

To issue a disposable certificate, the (future) certificate holder must be identified according to the regulations of the LRA contract upfront. The LRA Contract may contain clauses about how consent for issuing a certificate has to be requested, or delivered to the signer.

Please see the following sample configuration for a disposable certificate signature:

```
{
  "SspFileIds": [
    "##FILE_ID##"
  ],
  "SendEnvelopeDescription": {
    "Name": "test",
    "EmailSubject": "Please sign the enclosed envelope",
    "EmailBody": "Dear #RecipientFirstName# #RecipientLastName#\n\n#PersonalMessage#\n\nPlease sign the envelope\n#EnvelopeName#\n\nEnvelope will expire at #ExpirationDate#",
    "DisplayedEmailSender": "",
    "EnableReminders": true,
    "FirstReminderDayAmount": 5,
    "RecurrentReminderDayAmount": 3,
    "BeforeExpirationDayAmount": 3,
    "DaysUntilExpire": 28,
    "CallbackUrl": "",
    "StatusUpdateCallbackUrl": "",
    "LockFormFieldsAtEnvelopeFinish": true,
    "Steps": [
      {
        "OrderIndex": 1,
        "Recipients": [
          {
            "Email": "##EMAIL##",
            "FirstName": "##NAME##",
            "LastName": "##NAME##",
            "LanguageCode": "en",
            "EmailBodyExtra": "",
            "DisableEmail": false,
            "AddAndroidAppLink": false,
            "AddIosAppLink": false,
            "AddWindowsAppLink": false,
            "AllowDelegation": false,
            "AllowAccessFinishedWorkstep": false,
            "SkipExternalDataValidation": false,
            "AuthenticationMethods": [],
            "DisposableCertificateData": {
              "CountryResidence": "AT",
              "IdentificationCountry": "AT",
              "IdentificationType": "PASSPORT",
              "PhoneMobile": "##PHONENUMBER##",
              "DocumentType": "PASS",
              "DocumentIssuedBy": "Namirial",
              "DocumentIssuedOn": "2020-07-07T00:00:00Z",
              "DocumentExpiryDate": "2020-07-29T00:00:00Z",
              "SerialNumber": "1234",
              "DocumentNumber": "123",
              "OverrideHolderInCaseOfMismatch": false
            }
          }
        ]
      }
    ],
    "EmailBodyExtra": "",
    "RecipientType": "Signer",
    "WorkstepConfiguration": {
      "WorkstepLabel": "test",
      "SmallTextZoomFactorPercent": 100,
      "FinishAction": {
```

```

"ServerActions": [],
"ClientActions": [
  {
    "RemoveDocumentFromRecentDocumentList": false,
    "CallClientActionOnlyAfterSuccessfulSync": true,
    "ClientName": "SIGNificant SignAnywhere",
    "CloseApp": false,
    "Action": "https://www.esignanywhere.net/"
  }
],
},
"ReceiverInformation": {
  "UserInformation": {
    "FirstName": "##NAME##",
    "LastName": "##NAME##",
    "EMail": "##EMAIL##"
  },
  "HolderInformation": "<recognitionType>PASS</recognitionType><documentIssuedOn>07/07/2020<
/documentIssuedOn><documentExpiryDate>29/07/2020</documentExpiryDate><documentIssuedBy>Namirial<
/documentIssuedBy><documentNumber>123</documentNumber><countryResidence>AT<
/countryResidence><firstName>##NAME##</firstName><lastName>##NAME##</lastName><email>##EMAIL##<
/email><phoneMobile>##PHONENUMBER##</phoneMobile><identificationType>PASSPORT<
/identificationType><identificationCountry>AT</identificationCountry><passport>1234</passport>",
  "TransactionCodePushPluginData": []
},
"SenderInformation": {
  "UserInformation": {
    "FirstName": "##NAME##",
    "LastName": "##NAME##",
    "EMail": "##EMAIL##"
  }
},
"TransactionCodeConfigurations": [
  {
    "Id": "smsAuthTransactionCodeId",
    "HashAlgorithmIdentifier": "Sha256",
    "Texts": [
      {
      }
    ]
  }
],
"SignatureConfigurations": [],
"ViewerPreferences": {
  "FinishWorkstepOnOpen": false,
  "VisibleAreaOptions": {
    "AllowedDomain": "*",
    "Enabled": false
  }
},
"ResourceUris": {},
"AuditingToolsConfiguration": {
  "WriteAuditTrail": false,
  "NotificationConfiguration": {}
},
"Policy": {
  "GeneralPolicies": {
    "AllowSaveDocument": true,
    "AllowSaveAuditTrail": true,
    "AllowRotatingPages": false,
    "AllowEmailDocument": true,
    "AllowPrintDocument": true,
    "AllowFinishWorkstep": true,
    "AllowRejectWorkstep": true,
    "AllowRejectWorkstepDelegation": false,
    "AllowUndoLastAction": true,
    "AllowAdhocPdfAttachments": false,
    "AllowAdhocSignatures": false,
    "AllowAdhocStampings": false,
    "AllowAdhocFreeHandAnnotations": false,
    "AllowAdhocTypewriterAnnotations": false,

```

```

"AllowAdhocPictureAnnotations": false,
"AllowAdhocPdfPageAppending": false
},
"WorkstepTasks": {
  "PictureAnnotationMinResolution": 0,
  "PictureAnnotationMaxResolution": 0,
  "PictureAnnotationColorDepth": "Color16M",
  "SequenceMode": "NoSequenceEnforced",
  "PositionUnits": "PdfUnits",
  "ReferenceCorner": "Lower_Left",
  "Tasks": [
    {
      "PositionPage": 1,
      "Position": {
        "PositionX": 89.0,
        "PositionY": 575.0
      },
      "Size": {
        "Height": 80.0,
        "Width": 190.0
      },
      "AdditionalParameters": [
        {
          "Key": "enabled",
          "Value": "1"
        },
        {
          "Key": "positioning",
          "Value": "onPage"
        },
        {
          "Key": "req",
          "Value": "1"
        },
        {
          "Key": "fd",
          "Value": ""
        },
        {
          "Key": "fd_dateformat",
          "Value": "dd-MM-yyyy HH:mm:ss"
        },
        {
          "Key": "fd_timezone",
          "Value": "datetimeutc"
        },
        {
          "Key": "spcId",
          "Value": "padesSigningId"
        }
      ],
      "AllowedSignatureTypes": [
        {
          "TrModType": "RemoteSignatureDisposableCertificate",
          "TrValidityInSeconds": 300,
          "Ly": "remoteCertificate",
          "TrConfIdIssueCertificate": "disposableCertificateEnrolAndSignSmsText",
          "TrConfId": "remoteCertificateSignSmsText",
          "IsPhoneNumberRequired": false,
          "Id": "180c4201-4146-4161-baf8-cb5a607eec62",
          "DiscriminatorType": "SigTypeTransactionCode",
          "Preferred": false,
          "StampImprintConfiguration": {
            "DisplayExtraInformation": true,
            "DisplayEmail": true,
            "DisplayIp": true,
            "DisplayName": true,
            "DisplaySignatureDate": true,
            "FontFamily": "Times New Roman",
            "FontSize": 11.0
          }
        }
      ]
    }
  ]
}

```

```

    }
  ],
  "UseTimestamp": false,
  "IsRequired": true,
  "Id": "1#XyzmoDuplicateIdSeperator#Signature_b58c192b-47c0-5339-cb18-4fe77c3d1812",
  "DisplayName": "",
  "DocRefNumber": 1,
  "DiscriminatorType": "Signature"
}
]
}
},
"Navigation": {
  "HyperLinks": [],
  "Links": [],
  "LinkTargets": []
}
},
"DocumentOptions": [
  {
    "DocumentReference": "1",
    "IsHidden": false
  }
],
"UseDefaultAgreements": true
},
{
  "OrderIndex": 2,
  "Recipients": [
    {
      "Email": "##EMAIL##",
      "FirstName": "##NAME##",
      "LastName": "##NAME##",
      "LanguageCode": "en",
      "EmailBodyExtra": "",
      "DisableEmail": false,
      "AddAndroidAppLink": false,
      "AddIosAppLink": false,
      "AddWindowsAppLink": false,
      "AllowDelegation": false,
      "SkipExternalDataValidation": false,
      "AuthenticationMethods": []
    }
  ],
  "EmailBodyExtra": "",
  "RecipientType": "Cc",
  "DocumentOptions": [],
  "UseDefaultAgreements": false
}
],
"AddFormFields": {
  "Forms": {}
},
"OverrideFormFieldValues": {
  "Forms": {}
},
"AttachSignedDocumentsToEnvelopeLog": false
}
}

```

```

<envelope>
  <name>test</name>
  <eMailSubject>Please sign the enclosed envelope</eMailSubject>
  <eMailBody>Dear #RecipientFirstName# #RecipientLastName#

#PersonalMessage#

Please sign the envelope #EnvelopeName#

```

```

Envelope will expire at #ExpirationDate#</eMailBody>
<enableReminders>true</enableReminders>
<firstReminderDayAmount>5</firstReminderDayAmount>
<recurrentReminderDayAmount>3</recurrentReminderDayAmount>
<beforeExpirationReminderDayAmount>3</beforeExpirationReminderDayAmount>
<daysUntilExpire>28</daysUntilExpire>
<callbackUrl></callbackUrl>
<statusUpdateCallbackUrl></statusUpdateCallbackUrl>
<lockFormFieldsAtEnvelopeFinish>true</lockFormFieldsAtEnvelopeFinish>
<displayedEmailSender></displayedEmailSender>
<steps>
  <step>
    <emailBodyExtra></emailBodyExtra>
    <orderIndex>1</orderIndex>
    <recipientType>Signer</recipientType>
    <useDefaultAgreements>true</useDefaultAgreements>
    <documentOptions>
      <documentOption docRef="1">
        <isHidden>>false</isHidden>
      </documentOption>
    </documentOptions>
    <workstepConfiguration skipThirdPartyChecks="0">
      <WorkstepLabel>test</WorkstepLabel>
      <SmallTextZoomFactorPercent>100</SmallTextZoomFactorPercent>
      <WorkstepTimeToLiveInMinutes>44650</WorkstepTimeToLiveInMinutes>
      <AbsoluteExpiryDate>2020-07-10T10:57:46.4243017Z</AbsoluteExpiryDate>
      <FinishAction>
        <ClientAction clientName="SIGNificant SignAnywhere" closeApp="0"
RemoveDocumentFromRecentDocumentList="0" CallClientActionOnlyAfterSuccessfulSync="1">https://www.esignanywhere.
net/</ClientAction>
      </FinishAction>
      <ViewerPreferences>
        <SendVisibleArea allowedDomain="*">0</SendVisibleArea>
        <FinishWorkstepOnOpen>0</FinishWorkstepOnOpen>
      </ViewerPreferences>
      <Policy version="1.1.0.0">
        <AdhocPolicies>
          <AllowModificationsAfterSignature>1</AllowModificationsAfterSignature>
        </AdhocPolicies>
        <GeneralPolicies>
          <AllowAdhocFreeHandAnnotations>0</AllowAdhocFreeHandAnnotations>
          <AllowAdhocPdfAttachments>0</AllowAdhocPdfAttachments>
          <AllowAdhocPdfPageAppending>0</AllowAdhocPdfPageAppending>
          <AllowAdhocPictureAnnotations>0</AllowAdhocPictureAnnotations>
          <AllowAdhocSignatures>0</AllowAdhocSignatures>
          <AllowAdhocStampings>0</AllowAdhocStampings>
          <AllowAdhocTypewriterAnnotations>0</AllowAdhocTypewriterAnnotations>
          <AllowEmailDocument>1</AllowEmailDocument>
          <AllowFinishWorkstep>1</AllowFinishWorkstep>
          <AllowPrintDocument>1</AllowPrintDocument>
          <AllowRejectWorkstep>1</AllowRejectWorkstep>
          <AllowSaveAuditTrail>1</AllowSaveAuditTrail>
          <AllowSaveDocument>1</AllowSaveDocument>
          <AllowUndoLastAction>1</AllowUndoLastAction>
          <AllowRotatingPages>0</AllowRotatingPages>
          <AllowRejectWorkstepDelegation>1</AllowRejectWorkstepDelegation>
        </GeneralPolicies>
        <WorkstepTasks originalSequenceMode="NoSequenceEnforced" SequenceMode="NoSequenceEnforced">
          <Task type="SignField" DocRefNumber="1" id="1#XyzmoDuplicateIdSeperator#Signature_a3d634d1-5b9e-
8089-e77d-4888a9616fb2" internalCompleted="0" finishPercentage="0" completed="0" enabled="1" displayName=""
required="1" />
        </WorkstepTasks>
      </Policy>
      <Navigation />
      <timeCreated>2020-07-10T10:47:46.3930488Z</timeCreated>
      <TransactionCodeConfigurations>
        <TransactionCodeConfiguration trConfId="smsAuthTransactionCodeId">
          </TransactionCodeConfiguration>
        </TransactionCodeConfigurations>
        <receiverInformation>
          <userInformation>

```

```
<firstName>##NAME##</firstName>
<lastName>##NAME##</lastName>
<email>##EMAIL##</email>
</userInformation>
<showNamirialDisposableDisclaimer>1</showNamirialDisposableDisclaimer>
<trRsDcNamHolderInformation version="2">
  <recognitionType>PASS</recognitionType>
  <documentIssuedOn>07/07/2020</documentIssuedOn>
  <documentExpiryDate>29/07/2020</documentExpiryDate>
  <documentIssuedBy>Namirial</documentIssuedBy>
  <documentNumber>123</documentNumber>
  <countryResidence>AT</countryResidence>
  <firstName>##NAME##</firstName>
  <lastName>##NAME##</lastName>
  <email>##EMAIL##</email>
  <phoneMobile>##PHONENUMBER##</phoneMobile>
  <identificationType>PASSPORT</identificationType>
  <identificationCountry>AT</identificationCountry>
  <passport>123</passport>
</trRsDcNamHolderInformation>
</receiverInformation>
<senderInformation>
  <userInformation>
    <firstName>##NAME##</firstName>
    <lastName>##NAME##</lastName>
    <email>##EMAIL##</email>
  </userInformation>
</senderInformation>
<pdfForms isEditingAllowed="0" />
<TypewriterAnnotationTaskInfo />
<attachmentFields />
<signatureTemplate>
  <version>1.2.0.2</version>
  <positionReferenceCorner>Lower_Left</positionReferenceCorner>
  <positionUnits>PdfUnits</positionUnits>
  <sig id="1#XyzmoDuplicateIdSeperator#Signature_a3d634d1-5b9e-8089-e77d-4888a9616fb2">
    <TaskDisplayName />
    <param name="enabled">1</param>
    <positionPage>1</positionPage>
    <positionX>78</positionX>
    <positionY>545</positionY>
    <width>190</width>
    <height>80</height>
    <param name="positioning">onPage</param>
    <param name="req">1</param>
    <param name="fd" />
    <param name="fd_dateformat">dd-MM-yyyy HH:mm:ss</param>
    <param name="fd_timezone">datetimeutc</param>
    <DocRefNumber>1</DocRefNumber>
    <AllowedSignatureTypes>
      <sigType id="89f2876e-2149-4a88-b841-547a1b3478a5" type="TransactionCode">
        <trModType>RemoteSignatureDisposableCertificate</trModType>
        <trValidityInSeconds>300</trValidityInSeconds>
        <ly>remoteCertificate</ly>
        <trConfIdIssueCertificate>disposableCertificateEnrolAndSignSmsText</trConfIdIssueCertificate>
        <trConfId>remoteCertificateSignSmsText</trConfId>
        <StampImprintConfiguration>
          <DisplayExtraInformation>1</DisplayExtraInformation>
          <DisplayEmail>1</DisplayEmail>
          <DisplayIp>1</DisplayIp>
          <DisplayName>1</DisplayName>
          <DisplaySignatureDate>1</DisplaySignatureDate>
          <FontFamily>Times New Roman</FontFamily>
          <FontSize>11</FontSize>
        </StampImprintConfiguration>
      </sigType>
    </AllowedSignatureTypes>
    <param name="spcId">padesSigningId</param>
  </sig>
</signatureTemplate>
<AuditingToolsConfiguration WriteAuditTrail="0">
```

```

    <NotificationConfiguration />
  </AuditingToolsConfiguration>
  <resourceUri>
    <delegationUri>https://demo.esignanywhere.net/Resource/Delegate</delegationUri>
  </resourceUri>
  <LoggingMetaInformation>
    <envelopeId>##ENVELOPEID##</envelopeId>
    <envelopeRecipientId>##RECIPIENTID##</envelopeRecipientId>
  </LoggingMetaInformation>
</workstepConfiguration>
<recipients>
  <recipient>
    <eMail>##EMAIL##</eMail>
    <emailBodyExtra></emailBodyExtra>
    <firstName>##NAME##</firstName>
    <lastName>##NAME##</lastName>
    <languageCode>en</languageCode>
    <disableEmail>false</disableEmail>
    <skipExternalDataValidation>false</skipExternalDataValidation>
    <addAndroidAppLink>false</addAndroidAppLink>
    <addIosAppLink>false</addIosAppLink>
    <addWindowsAppLink>false</addWindowsAppLink>
    <allowDelegation>true</allowDelegation>
    <allowAccessFinishedWorkstep>false</allowAccessFinishedWorkstep>
    <authentications />
    <disposableCertificateAdditionalInformation>
      <countryResidence>AT</countryResidence>
      <phoneMobile>##PHONENUMBER##</phoneMobile>
      <documentType>PASS</documentType>
      <documentIssuedBy>Namirial</documentIssuedBy>
      <documentIssuedOn>2020-07-07T00:00:00Z</documentIssuedOn>
      <documentExpiryDate>2020-07-29T00:00:00Z</documentExpiryDate>
      <serialNumber>123</serialNumber>
      <identificationType>PASSPORT</identificationType>
      <identificationCountry>AT</identificationCountry>
      <documentNumber>123</documentNumber>
      <overrideOnHolderMismatch>false</overrideOnHolderMismatch>
    </disposableCertificateAdditionalInformation>
  </recipient>
</recipients>
</step>
<step>
  <emailBodyExtra></emailBodyExtra>
  <orderIndex>2</orderIndex>
  <recipientType>Cc</recipientType>
  <useDefaultAgreements>false</useDefaultAgreements>
  <recipients>
    <recipient>
      <eMail>##EMAIL##</eMail>
      <emailBodyExtra></emailBodyExtra>
      <firstName>##NAME##</firstName>
      <lastName>##NAME##</lastName>
      <languageCode>en</languageCode>
      <disableEmail>false</disableEmail>
      <skipExternalDataValidation>false</skipExternalDataValidation>
      <addAndroidAppLink>false</addAndroidAppLink>
      <addIosAppLink>false</addIosAppLink>
      <addWindowsAppLink>false</addWindowsAppLink>
      <allowDelegation>false</allowDelegation>
      <authentications />
    </recipient>
  </recipients>
</step>
</steps>
<attachSignedDocumentsToEnvelopeLog>false</attachSignedDocumentsToEnvelopeLog>
</envelope>

```



Additional Scenario

Beside the disposable certificate, the solution can use a specific procedure called "Long-Lived Disposable" for scenarios where the signature becomes a valid qualified signature after signing. This can be useful where the identification is confirmed/approved after signing of the document. When using this special type of Disposable Certificates, the procedure of the Opative Manual has to be followed; which is different for the case of Long-Lived Disposable. See [Long-Lived Disposable in SSP documentation](#) for more information.

General description

The Long-Lived Disposable Certificate (LLD) is a special variant of a Disposable certificate.

The main difference to the disposable certificate is, that it is not being activated immediately, but after the signatures have been applied. LLD are always active, no need to activate them.

Please see the following sample configuration for LLD:

```
{
  "SspFileIds": [
    "b4d753d1-1234-1234-ada4-b7a7975324c3"
  ],
  "SendEnvelopeDescription": {
    "Name": "test",
    "EmailSubject": "Please sign the enclosed envelope",
    "EmailBody": "Dear #RecipientFirstName# #RecipientLastName#\n\n#PersonalMessage#\n\nPlease sign the envelope\n#EnvelopeName#\n\nEnvelope will expire at #ExpirationDate#",
    "DisplayedEmailSender": "",
    "EnableReminders": true,
    "FirstReminderDayAmount": 5,
    "RecurrentReminderDayAmount": 3,
    "BeforeExpirationDayAmount": 3,
    "ExpirationInSecondsAfterSending": 2419200,
    "CallbackUrl": "",
    "StatusUpdateCallbackUrl": "",
    "LockFormFieldsAtEnvelopeFinish": false,
    "Steps": [
      {
        "OrderIndex": 1,
        "Recipients": [
          {
            "Email": "johndoe@sample.com",
            "FirstName": "John",
            "LastName": "Doe",
            "LanguageCode": "en",
            "EmailBodyExtra": "",
            "DisableEmail": false,
            "AddAndroidAppLink": false,
            "AddIosAppLink": false,
            "AddWindowsAppLink": false,
            "AllowDelegation": true,
            "AllowAccessFinishedWorkstep": false,
            "SkipExternalDataValidation": false,
            "AuthenticationMethods": [],
            "IdentificationMethods": [],
            "DisposableCertificateData": {
              "CountryResidence": "AT",
              "DocumentIssuingCountry": "",
              "IdentificationCountry": "AT",
              "IdentificationType": "PASSPORT",
              "PhoneMobile": "##PhoneNumber##",
              "DocumentType": "PASS",
              "DocumentIssuedBy": "Namirial",
              "DocumentIssuedOn": "2022-05-24T00:00:00Z",
              "DocumentExpiryDate": "2022-06-07T00:00:00Z",
              "SerialNumber": "##SerialNumber##",
              "DocumentNumber": "##DocumentNumber##",
              "OverrideHolderInCaseOfMismatch": false
            }
          }
        ]
      }
    ]
  },
}
```

```

"EmailBodyExtra": "",
"RecipientType": "Signer",
"WorkstepConfiguration": {
  "WorkstepLabel": "test",
  "SmallTextZoomFactorPercent": 100,
  "FinishAction": {
    "ServerActions": [],
    "ClientActions": []
  },
},
"ReceiverInformation": {
  "UserInformation": {
    "FirstName": "Jane",
    "LastName": "Doe",
    "EMail": "janedoe@sample.com"
  },
  "HolderInformation": "<recognitionType>PASS</recognitionType><documentIssuedOn>24/05/2022<
/documentIssuedOn><documentExpiryDate>07/06/2022</documentExpiryDate><documentIssuedBy>Namirial<
/documentIssuedBy><documentNumber>##DocumentNumber##</documentNumber><countryResidence>AT<
/countryResidence><firstName>John</firstName><lastName>Doe</lastName><email>johndoe@sample.com<
/email><phoneMobile>##PhoneNumber##</phoneMobile><identificationType>PASSPORT<
/identificationType><identificationCountry>AT</identificationCountry><passport>##Passport##</passport>",
  "TransactionCodePushPluginData": []
},
"SenderInformation": {
  "UserInformation": {
    "FirstName": "John",
    "LastName": "Doe",
    "EMail": "johndoe@sample.com"
  }
},
"TransactionCodeConfigurations": [],
"SignatureConfigurations": [],
"ViewerPreferences": {
  "FinishWorkstepOnOpen": false,
  "VisibleAreaOptions": {
    "AllowedDomain": "",
    "Enabled": false
  }
},
"ResourceUri": {
  "DelegationUri": "https://demo.esignanywhere.net/Resource/Delegate"
},
"AuditingToolsConfiguration": {
  "WriteAuditTrail": true
},
"Policy": {
  "GeneralPolicies": {
    "AllowSaveDocument": false,
    "AllowSaveAuditTrail": false,
    "AllowRotatingPages": false,
    "AllowAppendFileToWorkstep": false,
    "AllowAppendTaskToWorkstep": false,
    "AllowEmailDocument": true,
    "AllowPrintDocument": true,
    "AllowFinishWorkstep": true,
    "AllowRejectWorkstep": true,
    "AllowRejectWorkstepDelegation": true,
    "AllowUndoLastAction": true,
    "AllowColorizePdfForms": false,
    "AllowAdhocPdfAttachments": false,
    "AllowAdhocSignatures": false,
    "AllowAdhocStampings": false,
    "AllowAdhocFreeHandAnnotations": false,
    "AllowAdhocTypewriterAnnotations": false,
    "AllowAdhocPictureAnnotations": false,
    "AllowAdhocPdfPageAppending": false,
    "AllowReloadOfFinishedWorkstep": true
  },
  "WorkstepTasks": {
    "PictureAnnotationMinResolution": 0,
    "PictureAnnotationMaxResolution": 0,

```

```

"PictureAnnotationColorDepth": "Color16M",
"SequenceMode": "NoSequenceEnforced",
"PositionUnits": "PdfUnits",
"ReferenceCorner": "Lower_Left",
"Tasks": [
  {
    "Texts": [
      {
        "Language": "en",
        "Value": "Agreement text"
      },
      {
        "Language": "*",
        "Value": "Agreement text"
      }
    ],
    "Headings": [
      {
        "Language": "en",
        "Value": "Agreement Subject"
      },
      {
        "Language": "*",
        "Value": "Agreement Subject"
      }
    ],
    "IsRequired": false,
    "Id": "ra",
    "DisplayName": "ra",
    "DocRefNumber": 1,
    "DiscriminatorType": "Agreements"
  },
  {
    "PositionPage": 1,
    "Position": {
      "PositionX": 72.0,
      "PositionY": 594.0
    },
    "Size": {
      "Height": 80.0,
      "Width": 190.0
    },
    "AdditionalParameters": [
      {
        "Key": "enabled",
        "Value": "1"
      },
      {
        "Key": "completed",
        "Value": "0"
      },
      {
        "Key": "req",
        "Value": "1"
      },
      {
        "Key": "isPhoneNumberRequired",
        "Value": "0"
      },
      {
        "Key": "trValidityInSeconds",
        "Value": "60"
      },
      {
        "Key": "fd",
        "Value": ""
      },
      {
        "Key": "fd_dateformat",
        "Value": "dd-MM-yyyy HH:mm:ss"
      }
    ],
  },

```

```

        {
            "Key": "fd_timezone",
            "Value": "datetimeutc"
        }
    ],
    "AllowedSignatureTypes": [
        {
            "TrModType": "RemoteSignatureLongLivedDisposableCertificate",
            "TrValidityInSeconds": 300,
            "TrConfIdIssueCertificate": "disposableCertificateEnrolAndSignSmsText",
            "TrConfId": "remoteCertificateSignSmsText",
            "IsPhoneNumberRequired": false,
            "Ly": "remoteCertificate",
            "Id": "7392f37f-32f5-4f53-bade-d830ddb51fa2",
            "DiscriminatorType": "SigTypeTransactionCode",
            "Preferred": false,
            "StampImprintConfiguration": {
                "DisplayExtraInformation": true,
                "DisplayEmail": true,
                "DisplayIp": true,
                "DisplayName": true,
                "DisplaySignatureDate": true,
                "FontFamily": "Times New Roman",
                "FontSize": 11.0,
                "OverrideLegacyStampImprint": false,
                "DisplayTransactionId": true,
                "DisplayTransaktionToken": true,
                "DisplayPhoneNumber": true
            },
            "SignaturePluginConfigurationId": "padesSigningId"
        }
    ],
    "UseTimestamp": false,
    "IsRequired": true,
    "Id": "1#XyzmoDuplicateIdSeperator#Signature_4385a5b6-4615-2f23-3a1e-49e31af38dba",
    "DisplayName": "",
    "DocRefNumber": 1,
    "DiscriminatorType": "Signature"
}
]
}
},
"Navigation": {
    "HyperLinks": [],
    "Links": [],
    "LinkTargets": []
}
},
"DocumentOptions": [
    {
        "DocumentReference": "1",
        "IsHidden": false
    }
],
"UseDefaultAgreements": true
},
{
    "OrderIndex": 2,
    "Recipients": [
        {
            "Email": "johndoe@sample",
            "FirstName": "John",
            "LastName": "Doe",
            "LanguageCode": "en",
            "EmailBodyExtra": "",
            "DisableEmail": false,
            "AddAndroidAppLink": false,
            "AddIosAppLink": false,
            "AddWindowsAppLink": false,
            "AllowDelegation": false,
            "SkipExternalDataValidation": false,

```

```

    "AuthenticationMethods": [],
    "IdentificationMethods": []
  }
},
"EmailBodyExtra": "",
"RecipientType": "Cc",
"DocumentOptions": [],
"UseDefaultAgreements": false
}
},
"AddFormFields": {
  "Forms": {}
},
"OverrideFormFieldValues": {
  "Forms": {}
},
},
"AttachSignedDocumentsToEnvelopeLog": false
}
}

```

After sending the envelope the receiver get the following after clicking the signature field to accept the general terms and conditions.:

Issuance of disposable certificate

ISSUE OF DISPOSABLE CERTIFICATES - APPLICATION FORM - Mod NAM CA22D

SECTION A - LOCAL REGISTRATION AUTHORITY DETAILS

SECTION B - HOLDER DETAILS

SECTION C - SUPPLY AND PRICING

Issuance of a Long-Lived Disposable Certificate, characterised by a limited duration of 60 minutes and by a limited use between the Holder and the LRA or by a limited use for the signature of insurance policies. The cost of the service will be ensured by the LRA.

SECTION D - TERMS AND CONDITIONS OF SUPPLY

1) The supply of what is required by the Holder shall be effective solely within the limitations of use set forth in the Operative Manual.

2) The Holder acknowledges and agrees that the Certification Service Provider shall be entitled to suspend and/or revoke the Certificates issued to the Holder at any time, whether the Certificate issuance conditions no longer exist.

3) The supply of what is required by the Holder shall be effected by Namrial to the terms and conditions specified in this application form, in its General Terms and Conditions (Mod NAM CA01D) and on the basis of the technical specifications set out in the Operative Manual, in the CPS and in the Terms and Conditions for Use, documents that are incorporated herein called unless specifically and expressly waived.

4) The Holder acknowledges and agrees that the sending of the application form implies full acceptance of these General Terms and Conditions, the Operative Manual, the CPS and the Terms and Conditions for Use, which will be fully effective binding to the same Holder. This Application form, with these General Terms and Conditions, the Operative Manual, the CPS and the Terms and

In order to sign with electronic signature the Application Form, you need to accept the terms and conditions by checking the 3 boxes below:

☒ (1) I certify the content of SECTION E - SELF CERTIFICATION BY THE HOLDER

☒ (2) I accept the General Terms and Conditions (Mod.NAMCA01D) and the one-sided clauses set forth in SECTION F - ONE-SIDED CLAUSES

☒ (3) I give the consent to the processing of personal data as set forth in SECTION G - CONSENT TO THE PROCESSING OF PERSONAL DAT

CANCEL ACCEPT

The information about the LLD is also shown in the audit trail:

Agreement Subject

Agreement text

Date & Time	Action	Description	Signer	IP Address	Geolocation
2022-05-31 10:40:32	Create workstep	SignAnyWhere workstep created			
2022-05-31 10:40:44	Log client settings	SignAnyWhere is using following settings: ' Viewer preferences:			N/A
2022-05-31 10:40:45	Open workstep	SignAnyWhere v21.52.2.1280 with language code 'en' loaded '			N/A
2022-05-31 10:40:50	Accept agreement	Agreement has been accepted by the user			
2022-05-31 10:40:50	Change page view	Page 1 shown '			
2022-05-31 10:59:56	Send transaction code	Issuance of disposable certificate and signature "ISSUE OF DISPOSABLE CERTIFICATES - APPLICATION FORM - Mod.NAM CA22D..." (see attachment for full application form)" has been accepted in all of its part after ticking the checkboxes (1) (2) (3). Long-Lived Disposable certificate enrollment started. OTP has been sent to issue certificate for signature Phone number: Transaction ID: RAWS Request ID: Remote Device ID: Expiration time: 05/ Application form:			

Please also note the following difference:

Difference in the certificate issued

A main difference is in the "certification policies" documented in the certificate:

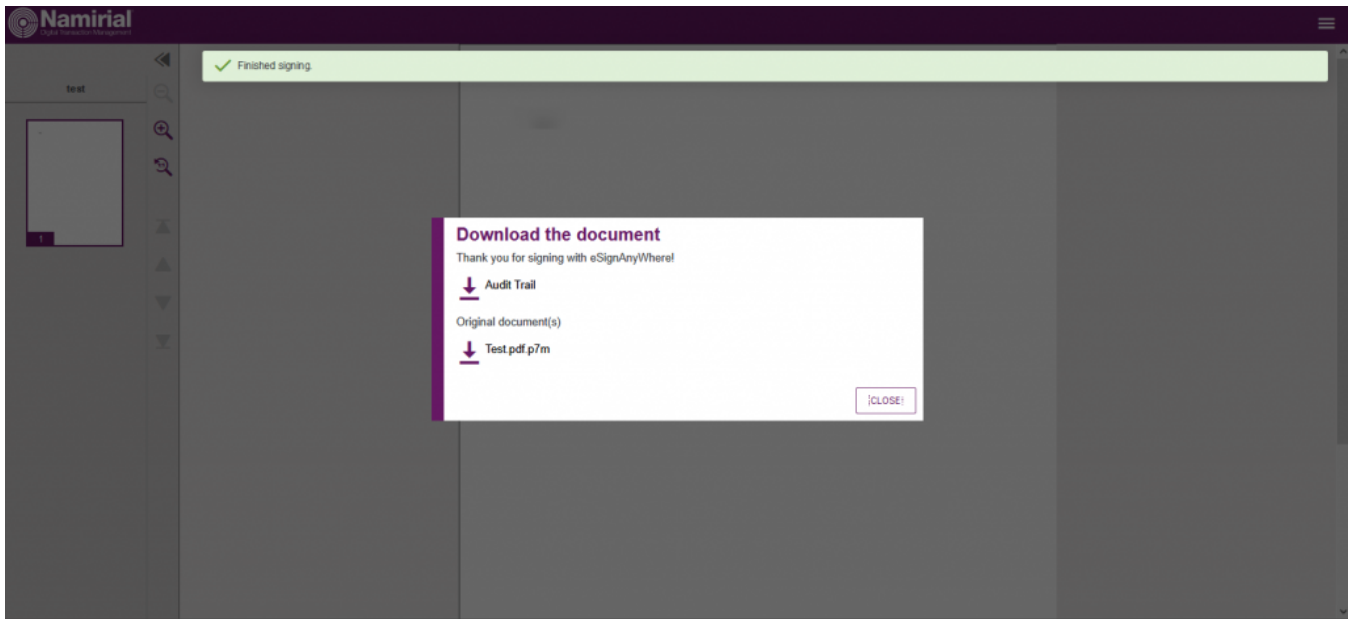
"Normal" Disposable Certificate (Sample)	Long-Lived Disposable Certificate (Sample)																																
Certificate Viewer This dialog allows you to view the details of a certificate and its entire issuance chain. The details correspond to the selected entry. ☒ Show all certification paths found Namirial CA Firma Qualificata BIMMINGER CHRISTOPH SummaryDetailsRevocationTrustPoliciesLegal Notice Certificate data: <table><thead><tr><th>Name</th><th>Value</th></tr></thead><tbody><tr><td>Validity starts</td><td>2021/02/12 15:34:00 +01'00'</td></tr><tr><td>Validity ends</td><td>2021/03/14 00:00:00 +01'00'</td></tr><tr><td>Key usage</td><td>Non-Repudiation</td></tr><tr><td>CRL distribution ...</td><td><see details></td></tr><tr><td>Certificate policies</td><td><see details></td></tr><tr><td>QC statements</td><td><see details></td></tr><tr><td>Authority key ide...</td><td><see details></td></tr></tbody></table> Policy OID: 0.4.0.194112.1.2 Policy OID: 1.3.6.1.4.1.36203.1.1.6 URL: https://docs.namirialtsp.com/ Notice: Certificato valido solo per test/The certificate is only usable for test Policy OID: 0.4.0.2042.1.2 The selected certificate path is valid. The path validation and revocation checks were done as of the signing time: 2021/02/12 15:35:23 +01'00' Validation Model: Shell OK	Name	Value	Validity starts	2021/02/12 15:34:00 +01'00'	Validity ends	2021/03/14 00:00:00 +01'00'	Key usage	Non-Repudiation	CRL distribution ...	<see details>	Certificate policies	<see details>	QC statements	<see details>	Authority key ide...	<see details>	Certificate Viewer This dialog allows you to view the details of the selected entry. Multiple issuance chains trust anchor. ☒ Show all certification paths found GIERLINGER MANUEL SummaryDetailsRevocationTrustPoliciesLegal Notice Certificate data: <table><thead><tr><th>Name</th><th>Value</th></tr></thead><tbody><tr><td>Validity starts</td><td>2022/05/31 11:00:10 +02'00'</td></tr><tr><td>Validity ends</td><td>2022/06/01 00:00:00 +02'00'</td></tr><tr><td>Key usage</td><td>Non-Repudiation</td></tr><tr><td>CRL distribution ...</td><td><see details></td></tr><tr><td>Certificate policies</td><td><see details></td></tr><tr><td>QC statements</td><td><see details></td></tr><tr><td>Authority key ide...</td><td><see details></td></tr></tbody></table> Policy OID: 0.4.0.194112.1.2 Policy OID: 1.3.6.1.4.1.36203.1.1.6 URL: https://docs.namirialtsp.com/ Notice: Certificato valido solo per test/The certificate is only usable for test Policy OID: 0.4.0.2042.1.2 The selected certificate path is valid. The path validation checks were done as of the signing time: 2022/05/31 11:00:10 +02'00' Validation Model: Shell OK	Name	Value	Validity starts	2022/05/31 11:00:10 +02'00'	Validity ends	2022/06/01 00:00:00 +02'00'	Key usage	Non-Repudiation	CRL distribution ...	<see details>	Certificate policies	<see details>	QC statements	<see details>	Authority key ide...	<see details>
Name	Value																																
Validity starts	2021/02/12 15:34:00 +01'00'																																
Validity ends	2021/03/14 00:00:00 +01'00'																																
Key usage	Non-Repudiation																																
CRL distribution ...	<see details>																																
Certificate policies	<see details>																																
QC statements	<see details>																																
Authority key ide...	<see details>																																
Name	Value																																
Validity starts	2022/05/31 11:00:10 +02'00'																																
Validity ends	2022/06/01 00:00:00 +02'00'																																
Key usage	Non-Repudiation																																
CRL distribution ...	<see details>																																
Certificate policies	<see details>																																
QC statements	<see details>																																
Authority key ide...	<see details>																																
* Refers to Policy OID: 1.3.6.1.4.1.36203.1.1.6	* Refers to Policy OID 1.3.6.1.4.1.36203.1.1.6																																

P7M Signers ≥3.1

It is possible to define P7M signers in eSignAnyWhere. This allows you to define at the end of a signing workflow to define signers with P7M. Due technical reasons it is not possible to add non-P7M signers after the first P7M signer. P7M is an advanced feature and must be enabled for you, so please contact your Namirial Sales

The P7M signer can be defined in the recipient list (P7M Signer Type). The P7M signer has no assigned signature fields in the document, so you will not be able to assign signature fields, form fields or predefined fields for him or her.

When a workflow with a P7M signer is finished you will not receive a PDF document, but a signed P7M container with the PDF. Please see the next figure:



The workstepconfig must be extended with a invisibleSignature, Task and a document information:

```
<signatureTemplate>
  <InvisibleSig>
    <id>pkcs1</id>
    <TargetDocument>
      <DocRefNumber>1</DocRefNumber>
      <completed>0</completed>
    </TargetDocument>
    <TargetDocument>
      <DocRefNumber>2</DocRefNumber>
      <completed>0</completed>
    </TargetDocument>
    <TargetDocument>
      <DocRefNumber>3</DocRefNumber>
      <completed>0</completed>
    </TargetDocument>
  </InvisibleSig>
</signatureTemplate>
```

Taskdefinition:

```
<WorkstepTasks SequenceMode="SequenceOnlyRequiredTasks">
  <Task enabled="1" completed="0" required="0" id="pkcs1" displayName="" DocRefNumber="1" type="
SignPkcs7" finishPercentage="0" />
</WorkstepTasks>

EnvelopeDocumentInformation

<WorkStepInformation>
  ...
  <EnvelopeInformation>
    <EnvelopeDocumentInformation numberOfPages="1" DocRefNumber="1" name="" isOptionalDocument="0" isPkcs7="
0" enabled="1" />
    <EnvelopeDocumentInformation numberOfPages="1" DocRefNumber="2" name="" isOptionalDocument="0" isPkcs7="
0" enabled="1" />
    <EnvelopeDocumentInformation numberOfPages="1" DocRefNumber="3" name="" isOptionalDocument="0" isPkcs7="
0" enabled="1" />
  </EnvelopeInformation>
  ...
</WorkStepInformation>
```

Automatic Remote Signature Recipient via API

≥3.2

Via API you have to use a new recipient type ("Automatic"). Moreover the workstepConfiguration must contain information about the automatic remote signature. As additional option, you can use more than one profile for the workstep configuration at once via API. Note: this leads to a missing information in eSAW UI!

1) Envelope JSON with new recipient type "Automatic"

```
"EmailBodyExtra": "",
"RecipientType": "Automatic",
"WorkstepConfiguration": {
```

2) Workstep Configuration

2.1) Define Signature Field in WorkstepConfiguration

```
"AllowedSignatureTypes": [
  {
    "TrModType": "RemoteSignature",
    "SealingProfileId": "SEALING_PROFILE_IDENTIFIER_FROM_ORGANIZATION_SETTINGS",
    "RenderingLanguage": "en",
    "Ly": "test",
    "Id": "##Id##",
    "DiscriminatorType": "SigTypeAutomaticSignature",
    "Preferred": false,
    "StampImprintConfiguration": {
      "DisplayExtraInformation": true,
      "DisplayEmail": true,
      "DisplayIp": true,
      "DisplayName": true,
      "DisplaySignatureDate": true,
      "FontFamily": "Times New Roman",
      "FontSize": 11.0,
      "OverrideLegacyStampImprint": false,
      "DisplayTransactionId": true,
      "DisplayTransaktionToken": true,
      "DisplayPhoneNumber": true
    }
  },
```

2.3) Finalize Action in WorkstepConfiguration Policy

```
"FinalizeActions": {
  "FinalizeActionList": [
    {
      "SigId": "##SignatureId##",
      "DiscriminatorType": "AutomaticSignature"
    },
    {
      "DocRefNumbers": "*",
      "SpcId": "ltaLevelId",
      "DiscriminatorType": "Timestamp"
    }
  ]
}
```

Please also see the following sample configuration:

```
{
  "Name": "Test.pdf",
  "EmailSubject": "Please sign the enclosed envelope",
  "EmailBody": "Dear #RecipientFirstName# #RecipientLastName#\n\n#PersonalMessage#\n\nPlease sign the envelope\n#EnvelopeName#\n\nEnvelope will expire at #ExpirationDate#",
  "DisplayedEmailSender": "",
  "EnableReminders": true,
  "FirstReminderDayAmount": 5,
  "RecurrentReminderDayAmount": 3,
```

```
"BeforeExpirationDayAmount": 3,
"ExpirationInSecondsAfterSending": 2419200,
"CallbackUrl": "",
"StatusUpdateCallbackUrl": "",
"LockFormFieldsAtEnvelopeFinish": false,
"Steps": [
  {
    "OrderIndex": 1,
    "Recipients": [
      {
        "Email": "##Email##",
        "FirstName": "##Name##",
        "LastName": "##Name##",
        "LanguageCode": "en",
        "EmailBodyExtra": "",
        "DisableEmail": false,
        "AddAndroidAppLink": false,
        "AddIosAppLink": false,
        "AddWindowsAppLink": false,
        "AllowDelegation": true,
        "AllowAccessFinishedWorkstep": false,
        "SkipExternalDataValidation": false,
        "AuthenticationMethods": [],
        "IdentificationMethods": []
      }
    ],
    "EmailBodyExtra": "",
    "RecipientType": "Automatic",
    "WorkstepConfiguration": {
      "WorkstepLabel": "Test.pdf",
      "SmallTextZoomFactorPercent": 100,
      "FinishAction": {
        "ServerActions": [],
        "ClientActions": []
      }
    },
    "ReceiverInformation": {
      "UserInformation": {
        "FirstName": "##Name##",
        "LastName": "##Name##",
        "Email": "##Email##"
      },
      "TransactionCodePushPluginData": []
    },
    "SenderInformation": {
      "UserInformation": {
        "FirstName": "##Name##",
        "LastName": "##Name##",
        "Email": "##Email##"
      }
    },
    "TransactionCodeConfigurations": [],
    "SignatureConfigurations": [],
    "ViewerPreferences": {
      "FinishWorkstepOnOpen": false,
      "VisibleAreaOptions": {
        "AllowedDomain": "",
        "Enabled": false
      }
    },
    "AuditingToolsConfiguration": {
      "WriteAuditTrail": true
    },
    "Policy": {
      "GeneralPolicies": {
        "AllowSaveDocument": true,
        "AllowSaveAuditTrail": true,
        "AllowRotatingPages": false,
        "AllowAppendFileToWorkstep": false,
        "AllowAppendTaskToWorkstep": false,
        "AllowEmailDocument": true,
        "AllowPrintDocument": true,

```

```

"AllowFinishWorkstep": true,
"AllowRejectWorkstep": false,
"AllowRejectWorkstepDelegation": false,
"AllowUndoLastAction": true,
"AllowColorizePdfForms": false,
"AllowAdhocPdfAttachments": false,
"AllowAdhocSignatures": false,
"AllowAdhocStampings": false,
"AllowAdhocFreeHandAnnotations": false,
"AllowAdhocTypewriterAnnotations": false,
"AllowAdhocPictureAnnotations": false,
"AllowAdhocPdfPageAppending": false,
"AllowReloadOfFinishedWorkstep": true
},
"WorkstepTasks": {
  "PictureAnnotationMinResolution": 0,
  "PictureAnnotationMaxResolution": 0,
  "PictureAnnotationColorDepth": "Color16M",
  "SequenceMode": "NoSequenceEnforced",
  "PositionUnits": "PdfUnits",
  "ReferenceCorner": "Lower_Left",
  "Tasks": [
    {
      "PositionPage": 1,
      "Position": {
        "PositionX": 56.0,
        "PositionY": 589.0
      },
      "Size": {
        "Height": 80.0,
        "Width": 190.0
      },
      "AdditionalParameters": [
        {
          "Key": "enabled",
          "Value": "1"
        },
        {
          "Key": "completed",
          "Value": "0"
        },
        {
          "Key": "req",
          "Value": "0"
        },
        {
          "Key": "fd",
          "Value": ""
        },
        {
          "Key": "fd_dateformat",
          "Value": "dd-MM-yyyy HH:mm:ss"
        },
        {
          "Key": "fd_timezone",
          "Value": "datetimeutc"
        }
      ]
    },
    {
      "Key": "TrModType",
      "Value": "RemoteSignature",
      "SealingProfileId": "##SealingProfileId##",
      "RenderingLanguage": "en",
      "Ly": "test",
      "Id": "##Id##",
      "DiscriminatorType": "SigTypeAutomaticSignature",
      "Preferred": false,
      "StampImprintConfiguration": {
        "DisplayExtraInformation": true,
        "DisplayEmail": true,
        "DisplayIp": true,

```

```

        "DisplayName": true,
        "DisplaySignatureDate": true,
        "FontFamily": "Times New Roman",
        "FontSize": 11.0,
        "OverrideLegacyStampImprint": false,
        "DisplayTransactionId": true,
        "DisplayTransaktionToken": true,
        "DisplayPhoneNumber": true
    },
    "SignaturePluginConfigurationId": "ltaLevelId"
}
],
"UseTimestamp": false,
"IsRequired": false,
"Id": "##Id##",
"DocRefNumber": 1,
"DiscriminatorType": "Signature"
}
]
},
"FinalizeActions": {
    "FinalizeActionList": [
        {
            "SigId": "##SignatureId##",
            "DiscriminatorType": "AutomaticSignature"
        },
        {
            "DocRefNumbers": "*",
            "SpcId": "ltaLevelId",
            "DiscriminatorType": "Timestamp"
        }
    ]
}
},
"Navigation": {
    "HyperLinks": [],
    "Links": [],
    "LinkTargets": []
}
},
"DocumentOptions": [
    {
        "DocumentReference": "1",
        "IsHidden": false
    }
],
"UseDefaultAgreements": true
},
{
    "OrderIndex": 2,
    "Recipients": [
        {
            "Email": "##Email##",
            "FirstName": "##Name##",
            "LastName": "##Name##",
            "LanguageCode": "en",
            "EmailBodyExtra": "",
            "DisableEmail": false,
            "AddAndroidAppLink": false,
            "AddIosAppLink": false,
            "AddWindowsAppLink": false,
            "AllowDelegation": false,
            "SkipExternalDataValidation": false,
            "AuthenticationMethods": [],
            "IdentificationMethods": []
        }
    ],
    "EmailBodyExtra": "",
    "RecipientType": "Cc",
    "DocumentOptions": [],
    "UseDefaultAgreements": false
}

```

```

    }
  ],
  "AddFormFields": {
    "Forms": {}
  },
  "OverrideFormFieldValues": {
    "Forms": {}
  },
  "AttachSignedDocumentsToEnvelopeLog": false
}

```

You can also find the same samples but for SOAP below:

1) Envelope XML with new recipient type "Automatic"

```

<envelope>
  ...
  <steps>
    <step>
      <emailBodyExtra></emailBodyExtra>
      <orderIndex>1</orderIndex>
      <recipientType>Automatic</recipientType>
      <workstepConfiguration skipThirdPartyChecks="0">
        ...
      </workstepConfiguration>
    </step>
  </steps>
</envelope>

```

2) Workstep Configuration

2.1) Define Signature Field in WorkstepConfiguration

```

<sig id="GENERIC_SIG_IDENTIFIER">
  <DocRefNumber>1</DocRefNumber>
  <param name="enabled">1</param>
  <AllowedSignatureTypes>
    <sigType id="automatic" type="AutomaticSignature" preferred="0">
      <trModType>RemoteSignature</trModType>
      <ImageRenderingLanguage>en</ImageRenderingLanguage>
      <SealingProfileId>SEALING_PROFILE_IDENTIFIER_FROM_ORGANIZATION_SETTINGS</SealingProfileId>
    </sigType>
  </AllowedSignatureTypes>
</sig>

```

The sealing profile identifier can be found in the organization settings page at the automatic remote signature settings (Identifier).

2.3) Finalize Action in WorkstepConfiguration Policy

```

<Policy version="1.1.0.0">
  <FinalizeActions>
    <AutomaticSignature sigId="GENERIC_SIG_IDENTIFIER" />
  </FinalizeActions>
</Policy>

```

A-Trust ≥3.7



Note: For the A-Trust signature configuration you need an A-Trust Signaturbox first. For more information please contact us.

In this section you can find the configuration for the A-Trust signature. First we have to upload a PDF with the API call `UploadTemporarySspFile_v1`. After uploading the document we can now send the document with the following workstep configuration to define the A-Trust signature:

```

<envelope>

```

```

<name>eSignAnyWhere Tutorial</name>
<eMailSubject>Document of eSignAnyWhere Tutorial</eMailSubject>
<eMailBody>Dear #RecipientFirstName#! Please sign this tutorial document.</eMailBody>
<enableReminders>True</enableReminders>
<firstReminderDayAmount>1</firstReminderDayAmount>
<recurrentReminderDayAmount>1</recurrentReminderDayAmount>
<beforeExpirationReminderDayAmount>1</beforeExpirationReminderDayAmount>
<daysUntilExpire>2</daysUntilExpire>
<!-- callback to your backend system on a completed envelope
<callbackUrl>http://172.16.17.78:57550/default.aspx?EnvelopeId=##EnvelopeId##&myParamForMe=1234<
/callbackUrl>
-->
<callbackUrl />
<steps>
  <step>
    <emailBodyExtra />
    <orderIndex>1</orderIndex>
    <recipientType>Signer</recipientType>
    <recipients>
      <recipient>
        <languageCode>en</languageCode>
        <eMail>##EMAIL##</eMail>
        <firstName>Alice</firstName>
        <lastName>Somename</lastName>
      </recipient>
    </recipients>
    <workstepConfiguration>
      <WorkstepLabel />
      <SmallTextZoomFactorPercent>100</SmallTextZoomFactorPercent>
      <WorkstepTimeToLiveInMinutes>11520</WorkstepTimeToLiveInMinutes>
      <FinishAction />
      <signatureTemplate>
        <version>1.2.0.2</version>
        <positionUnits>PdfUnits</positionUnits>
        <positionReferenceCorner>Lower_Left</positionReferenceCorner>
        <sig_id="1">
          <positionPage>1</positionPage>
          <DocRefNumber>1</DocRefNumber>
          <positionX>10</positionX>
          <positionY>10</positionY>
          <width>200</width>
          <height>50</height>
          <param name="enabled">1</param>
          <param name="completed">0</param>
          <param name="sigType">ExternalSigningProcess</param>
          <param name="positioning">onPage</param>
          <param name="trModType">ATrustHandySignatur</param>
          <param name="aTrustTemplateId">4246</param>
        </sig>
      </signatureTemplate>
    </receiverInformation>
    <userInformation>
      <firstName>FirstName</firstName>
      <lastName>LastName</lastName>
      <eMail />
    </userInformation>
    <aTrustCertificateData>
      <!--Used to prefill the phone number for A-Trust Handysignatur-->
      <phonenumber>##phone number##</phonenumber>
    </aTrustCertificateData>
    <!--Defines, if the disclaimer for Namirial disposable certificates should be shown.-->
    <showNamirialDisposableDisclaimer>0</showNamirialDisposableDisclaimer>
  </receiverInformation>
  <Policy version="1.1.0.0">
    <GeneralPolicies>
      </GeneralPolicies>
    <TypewriterAnnotationTaskInfo />
    <WorkstepTasks SequenceMode="SequenceOnlyRequiredTasks" originalSequenceMode="SequenceOnlyRequiredTasks"
  >
    <Task enabled="1" completed="0" required="1" id="1" displayName="SignField 1" DocRefNumber="1" type="
SignField" internalAllConcernedDocRefNumbersList="1" allRequiredFieldsFilledOnWorkstepCreation="0" />

```

```

        </WorkstepTasks>
    </Policy>
    <TransactionCodeConfigurations>
        <TransactionCodeConfiguration trConfId="">
            <Message>Please sign the document with the transactionId {tId} with the code: {Token}</Message>
            <hashAlgorithmIdentifier>Sha256</hashAlgorithmIdentifier>
        </TransactionCodeConfiguration>
        <TransactionCodeConfiguration trConfId="Trans1">
            <Message>Please accept the transactionId {tId} with the code: {Token}</Message>
            <hashAlgorithmIdentifier>Sha256</hashAlgorithmIdentifier>
        </TransactionCodeConfiguration>
    </TransactionCodeConfigurations>
</workstepConfiguration>
</step>
<step>
    <emailBodyExtra />
    <orderIndex>2</orderIndex>
    <recipientType>CC</recipientType>
    <recipients>
        <recipient>
            <languageCode>en</languageCode>
            <eMail>##EMAIL##</eMail>
            <firstName>Charly</firstName>
            <lastName>Randomname</lastName>
        </recipient>
    </recipients>
</step>
</steps>
</envelope>

```

If you enter the phone number then the recipient can not enter another number. However, if you do not define a phone number then the recipient is free to choose a phone number of their choice.

BankID ≥20.28

In this section you can find the configuration for the bankID signature. First we have to upload a PDF. After uploading the document we can now send the document with the following workstep configuration to define the bankID signature:

```

{
  "Name": "test",
  "EmailSubject": "Please sign the enclosed envelope",
  "EmailBody": "Dear #RecipientFirstName# #RecipientLastName#\n\n#PersonalMessage#\n\nPlease sign the envelope\nEnvelopeName#\n\nEnvelope will expire at #ExpirationDate#",
  "DisplayedEmailSender": "##SENDER##",
  "EnableReminders": true,
  "FirstReminderDayAmount": 5,
  "RecurrentReminderDayAmount": 3,
  "BeforeExpirationDayAmount": 3,
  "DaysUntilExpire": 28,
  "CallbackUrl": "",
  "StatusUpdateCallbackUrl": "",
  "LockFormFieldsAtEnvelopeFinish": true,
  "Steps": [
    {
      "OrderIndex": 1,
      "Recipients": [
        {
          "Email": "##EMAIL##",
          "FirstName": "##NAME##",
          "LastName": "##NAME##",
          "LanguageCode": "en",
          "EmailBodyExtra": "",
          "DisableEmail": false,
          "AddAndroidAppLink": false,
          "AddIosAppLink": false,
          "AddWindowsAppLink": false,
          "AllowDelegation": false,
          "AllowAccessFinishedWorkstep": false,
          "SkipExternalDataValidation": false,
          "AuthenticationMethods": []
        }
      ]
    }
  ]
}

```

```

    }
  ],
  "EmailBodyExtra": "",
  "RecipientType": "Signer",
  "WorkstepConfiguration": {
    "WorkstepLabel": "test",
    "SmallTextZoomFactorPercent": 100,
    "FinishAction": {
      "ServerActions": [],
      "ClientActions": [
        {
          "RemoveDocumentFromRecentDocumentList": false,
          "CallClientActionOnlyAfterSuccessfulSync": true,
          "ClientName": "SIGNificant SignAnywhere",
          "CloseApp": false,
          "Action": "https://www.esignanywhere.net/"
        }
      ]
    }
  },
  "ReceiverInformation": {
    "UserInformation": {
      "FirstName": "##NAME##",
      "LastName": "##NAME##",
      "EMail": "##EMAIL##"
    },
    "TransactionCodePushPluginData": []
  },
  "SenderInformation": {
    "UserInformation": {
      "FirstName": "##NAME##",
      "LastName": "##NAME##",
      "EMail": "##EMAIL##"
    }
  },
  "TransactionCodeConfigurations": [
    {
      "Id": "",
      "HashAlgorithmIdentifier": "Sha1",
      "Texts": [
        {
          "Value": "Please sign the document"
        }
      ]
    },
    {
      "Id": "otpSignatureSmsText",
      "HashAlgorithmIdentifier": "Sha256",
      "Texts": [
      ]
    }
  ],
  "SignatureConfigurations": [],
  "ViewerPreferences": {
    "FinishWorkstepOnOpen": false,
    "VisibleAreaOptions": {
      "AllowedDomain": "",
      "Enabled": false
    }
  },
  "ResourceUri": {},
  "AuditingToolsConfiguration": {
    "WriteAuditTrail": false,
    "NotificationConfiguration": {}
  },
  "Policy": {
    "GeneralPolicies": {
      "AllowSaveDocument": true,
      "AllowSaveAuditTrail": true,
      "AllowRotatingPages": false,
      "AllowEmailDocument": true,

```

```

"AllowPrintDocument": true,
"AllowFinishWorkstep": true,
"AllowRejectWorkstep": true,
"AllowRejectWorkstepDelegation": false,
"AllowUndoLastAction": true,
"AllowAdhocPdfAttachments": false,
"AllowAdhocSignatures": false,
"AllowAdhocStampings": false,
"AllowAdhocFreeHandAnnotations": false,
"AllowAdhocTypewriterAnnotations": false,
"AllowAdhocPictureAnnotations": false,
"AllowAdhocPdfPageAppending": false
},
"WorkstepTasks": {
  "PictureAnnotationMinResolution": 0,
  "PictureAnnotationMaxResolution": 0,
  "PictureAnnotationColorDepth": "Color16M",
  "SequenceMode": "SequenceOnlyRequiredTasks",
  "PositionUnits": "PdfUnits",
  "ReferenceCorner": "Lower_Left",
  "Tasks": [
    {
      "PositionPage": 1,
      "Position": {
        "PositionX": 10.0,
        "PositionY": 10.0
      },
      "Size": {
        "Height": 50.0,
        "Width": 200.0
      },
      "AdditionalParameters": [
        {
          "Key": "sigType",
          "Value": "TransactionCode"
        },
        {
          "Key": "trModType",
          "Value": "BankIdSignature"
        },
        {
          "Key": "trValidityInSeconds",
          "Value": "60"
        },
        {
          "Key": "ly",
          "Value": "bankId"
        }
      ],
      "AllowedSignatureTypes": [],
      "UseTimestamp": false,
      "IsRequired": true,
      "Id": "1",
      "DisplayName": "SignField 1",
      "DocRefNumber": 1,
      "DiscriminatorType": "Signature"
    }
  ]
},
"Navigation": {
  "HyperLinks": [],
  "Links": [],
  "LinkTargets": []
},
"DocumentOptions": [
  {
    "DocumentReference": "1",
    "IsHidden": false
  }
]

```

```

    ],
    "UseDefaultAgreements": true
  },
  {
    "OrderIndex": 2,
    "Recipients": [
      {
        "Email": "##EMAIL##",
        "FirstName": "##NAME##",
        "LastName": "##NAME##",
        "LanguageCode": "en",
        "EmailBodyExtra": "",
        "DisableEmail": false,
        "AddAndroidAppLink": false,
        "AddIosAppLink": false,
        "AddWindowsAppLink": false,
        "AllowDelegation": false,
        "AllowAccessFinishedWorkstep": false,
        "SkipExternalDataValidation": false,
        "AuthenticationMethods": []
      }
    ],
    "EmailBodyExtra": "",
    "RecipientType": "Cc",
    "DocumentOptions": [
      {
        "DocumentReference": "1",
        "IsHidden": false
      }
    ],
    "UseDefaultAgreements": false
  }
],
"AddFormFields": {
  "Forms": {}
},
"OverrideFormFieldValues": {
  "Forms": {}
},
"AttachSignedDocumentsToEnvelopeLog": false
}

```

```

<envelope>
  <name>test</name>
  <eMailSubject>Please sign the enclosed envelope</eMailSubject>
  <eMailBody>Dear #RecipientFirstName# #RecipientLastName#
#PersonalMessage#

Please sign the envelope #EnvelopeName#

Envelope will expire at #ExpirationDate#</eMailBody>
  <enableReminders>true</enableReminders>
  <firstReminderDayAmount>5</firstReminderDayAmount>
  <recurrentReminderDayAmount>3</recurrentReminderDayAmount>
  <beforeExpirationReminderDayAmount>3</beforeExpirationReminderDayAmount>
  <daysUntilExpire>28</daysUntilExpire>
  <callbackUrl></callbackUrl>
  <statusUpdateCallbackUrl></statusUpdateCallbackUrl>
  <lockFormFieldsAtEnvelopeFinish>true</lockFormFieldsAtEnvelopeFinish>
  <displayedEmailSender></displayedEmailSender>
<steps>
  <step>
    <emailBodyExtra></emailBodyExtra>
    <orderIndex>1</orderIndex>
    <recipientType>Signer</recipientType>
    <useDefaultAgreements>true</useDefaultAgreements>
    <documentOptions>
      <documentOption docRef="1">
        <isHidden>false</isHidden>

```

```

    </documentOption>
</documentOptions>
<workstepConfiguration skipThirdPartyChecks="0">
  <WorkstepLabel>test</WorkstepLabel>
  <SmallTextZoomFactorPercent>100</SmallTextZoomFactorPercent>
  <WorkstepTimeToLiveInMinutes>44650</WorkstepTimeToLiveInMinutes>
  <AbsoluteExpiryDate>2020-07-13T09:11:44.7415636Z</AbsoluteExpiryDate>
  <FinishAction>
    <ClientAction clientName="SIGNificant SignAnywhere" closeApp="0"
RemoveDocumentFromRecentDocumentList="0" CallClientActionOnlyAfterSuccessfulSync="1">https://www.esignanywhere.
net</ClientAction>
  </FinishAction>
  <ViewerPreferences>
    <SendVisibleArea allowedDomain="*">0</SendVisibleArea>
    <FinishWorkstepOnOpen>0</FinishWorkstepOnOpen>
  </ViewerPreferences>
  <Policy version="1.1.0.0">
    <AdhocPolicies>
      <AllowModificationsAfterSignature>1</AllowModificationsAfterSignature>
    </AdhocPolicies>
    <GeneralPolicies>
      <AllowAdhocFreeHandAnnotations>0</AllowAdhocFreeHandAnnotations>
      <AllowAdhocPdfAttachments>0</AllowAdhocPdfAttachments>
      <AllowAdhocPdfPageAppending>0</AllowAdhocPdfPageAppending>
      <AllowAdhocPictureAnnotations>0</AllowAdhocPictureAnnotations>
      <AllowAdhocSignatures>0</AllowAdhocSignatures>
      <AllowAdhocStampings>0</AllowAdhocStampings>
      <AllowAdhocTypewriterAnnotations>0</AllowAdhocTypewriterAnnotations>
      <AllowEmailDocument>1</AllowEmailDocument>
      <AllowFinishWorkstep>1</AllowFinishWorkstep>
      <AllowPrintDocument>1</AllowPrintDocument>
      <AllowRejectWorkstep>1</AllowRejectWorkstep>
      <AllowSaveAuditTrail>1</AllowSaveAuditTrail>
      <AllowSaveDocument>1</AllowSaveDocument>
      <AllowUndoLastAction>1</AllowUndoLastAction>
      <AllowRotatingPages>0</AllowRotatingPages>
      <AllowRejectWorkstepDelegation>0</AllowRejectWorkstepDelegation>
    </GeneralPolicies>
    <WorkstepTasks SequenceMode="SequenceOnlyRequiredTasks" originalSequenceMode="
SequenceOnlyRequiredTasks">
      <Task enabled="1" completed="0" required="1" id="1" displayName="SignField 1" DocRefNumber="1"
type="SignField" internalAllConcernedDocRefNumbersList="1" allRequiredFieldsFilledOnWorkstepCreation="0" />
    </WorkstepTasks>
  </Policy>
  <Navigation />
  <timeCreated>2020-07-13T09:01:44.7103136Z</timeCreated>
  <TransactionCodeConfigurations>
    <TransactionCodeConfiguration trConfId="">
      <Message>Please sign the document</Message>
      <hashAlgorithmIdentifier>Sha1</hashAlgorithmIdentifier>
    </TransactionCodeConfiguration>
  </TransactionCodeConfigurations>
  <receiverInformation>
    <userInformation>
      <firstName>##NAME##</firstName>
      <lastName>##NAME##</lastName>
      <email>##EMAIL##</email>
    </userInformation>
    <showNamirialDisposableDisclaimer>1</showNamirialDisposableDisclaimer>
  </receiverInformation>
  <senderInformation>
    <userInformation>
      <firstName>##NAME##</firstName>
      <lastName>##NAME##</lastName>
      <email>##EMAIL##</email>
    </userInformation>
  </senderInformation>
  <pdfForms isEditingAllowed="0" />
  <TypewriterAnnotationTaskInfo />
  <attachmentFields />
  <signatureTemplate>

```

```

<version>1.2.0.2</version>
<positionUnits>PdfUnits</positionUnits>
<positionReferenceCorner>Lower_Left</positionReferenceCorner>
<sig_id="1">
  <positionPage>1</positionPage>
  <DocRefNumber>1</DocRefNumber>
  <positionX>10</positionX>
  <positionY>10</positionY>
  <width>200</width>
  <height>50</height>
  <param name="sigType">TransactionCode</param>
  <param name="trModType">BankIdSignature</param>
  <param name="trValidityInSeconds">60</param>
  <param name="ly">bankId</param>
</sig>
</signatureTemplate>
<AuditingToolsConfiguration WriteAuditTrail="0">
  <NotificationConfiguration />
</AuditingToolsConfiguration>
<resourceUri />
<LoggingMetaInformation>
  <envelopeId>##ENVELOPE##</envelopeId>
  <envelopeRecipientId>##RECIPIENT##</envelopeRecipientId>
</LoggingMetaInformation>
</workstepConfiguration>
<recipients>
  <recipient>
    <eMail>##EMAIL##</eMail>
    <emailBodyExtra></emailBodyExtra>
    <firstName>##NAME##</firstName>
    <lastName>##NAME##</lastName>
    <languageCode>en</languageCode>
    <disableEmail>false</disableEmail>
    <skipExternalDataValidation>false</skipExternalDataValidation>
    <addAndroidAppLink>false</addAndroidAppLink>
    <addIosAppLink>false</addIosAppLink>
    <addWindowsAppLink>false</addWindowsAppLink>
    <allowDelegation>false</allowDelegation>
    <allowAccessFinishedWorkstep>false</allowAccessFinishedWorkstep>
  </recipient>
</recipients>
</step>
<step>
  <emailBodyExtra></emailBodyExtra>
  <orderIndex>2</orderIndex>
  <recipientType>Cc</recipientType>
  <useDefaultAgreements>false</useDefaultAgreements>
  <recipients>
    <recipient>
      <eMail>##EMAIL##</eMail>
      <emailBodyExtra></emailBodyExtra>
      <firstName>##NAME##</firstName>
      <lastName>##NAME##</lastName>
      <languageCode>en</languageCode>
      <disableEmail>false</disableEmail>
      <skipExternalDataValidation>false</skipExternalDataValidation>
      <addAndroidAppLink>false</addAndroidAppLink>
      <addIosAppLink>false</addIosAppLink>
      <addWindowsAppLink>false</addWindowsAppLink>
      <allowDelegation>false</allowDelegation>
      <authentications />
    </recipient>
  </recipients>
</step>
</steps>
<attachSignedDocumentsToEnvelopeLog>false</attachSignedDocumentsToEnvelopeLog>
</envelope>

```

In this section you can find the bankID authentication method:

```
"AuthenticationMethods": [
  {
    "Method": "BankId",
    "Parameter": "##Parameter##"
  }
]
```

```
<authentications>
  <authentication>
    <method>BankId</method>
    <parameter>##parameter##</parameter>
  </authentication>
</authentications>
```

Generic Signing Plugin ≥20.42

In this section you can find the configuration for the generic signing plugin signature. First we have to upload a PDF. After uploading the document we can now send the document with the following workstep configuration to define the plugin signature:

```
{
  "SspFileIds": [
    "##FileId##"
  ],
  "SendEnvelopeDescription": {
    "Name": "test",
    "EmailSubject": "Please sign the enclosed envelope",
    "EmailBody": "Dear #RecipientFirstName# #RecipientLastName#\n\n#PersonalMessage#\n\nPlease sign the envelope #EnvelopeName#\n\nEnvelope will expire at #ExpirationDate#",
    "DisplayedEmailSender": "",
    "EnableReminders": true,
    "FirstReminderDayAmount": 5,
    "RecurrentReminderDayAmount": 3,
    "BeforeExpirationDayAmount": 3,
    "DaysUntilExpire": 28,
    "CallbackUrl": "",
    "StatusUpdateCallbackUrl": "",
    "Steps": [
      {
        "OrderIndex": 1,
        "Recipients": [
          {
            "Email": "##Email##",
            "FirstName": "##name##",
            "LastName": "##name##",
            "LanguageCode": "en",
            "EmailBodyExtra": "",
            "DisableEmail": false,
            "AddAndroidAppLink": false,
            "AddIosAppLink": false,
            "AddWindowsAppLink": false,
            "AllowDelegation": false,
            "SkipExternalDataValidation": false,
            "AuthenticationMethods": [
              {
                "BankIdPluginData": {
                  "TrBiPersonalNumber": "##PersonalNumber##",
                  "TrBiAllowAnyPersonalNumber": false
                }
              }
            ],
            "EmailBodyExtra": "",
            "RecipientType": "Signer",
            "WorkstepConfiguration": {
              "WorkstepLabel": "test",
              "ReceiverInformation": {
                "GenericSigningPluginDataList": [
                  {
                    "PluginId": "GenericSigningPluginForTests",
```

```

"SenderDataFields": {
    "Fields": [{
        "Key": "customEmail",
        "Value": "##customEmail##"
    }, {
        "Key": "userId",
        "Value": "##UserId##"
    }, {
        "Key": "email",
        "Value": "##Email##"
    }, {
        "Key": "password",
        "Value": "##Password##"
    }, {
        "Key": "number",
        "Value": "##Number##"
    }, {
        "Key": "phoneNumber",
        "Value": "##Number##"
    }, {
        "Key": "list",
        "Value": "app"
    }
    ]
}

},
"SmallTextZoomFactorPercent": 100,
"FinishAction": {
    "ServerActions": [],
    "ClientActions": [
        {
            "RemoveDocumentFromRecentDocumentList": false,
            "CallClientActionOnlyAfterSuccessfulSync": true,
            "ClientName": "SIGNificant SignAnywhere",
            "CloseApp": false,
            "Action": "https://www.esignanywhere.net/"
        }
    ]
},
"Policy": {
    "GeneralPolicies": {
        "AllowSaveDocument": true,
        "AllowSaveAuditTrail": true,
        "AllowRotatingPages": false,
        "AllowEmailDocument": true,
        "AllowPrintDocument": true,
        "AllowFinishWorkstep": true,
        "AllowRejectWorkstep": true,
        "AllowRejectWorkstepDelegation": false,
        "AllowUndoLastAction": true,
        "AllowAdhocPdfAttachments": false,
        "AllowAdhocSignatures": false,
        "AllowAdhocStampings": false,
        "AllowAdhocFreeHandAnnotations": false,
        "AllowAdhocTypewriterAnnotations": false,
        "AllowAdhocPictureAnnotations": false,
        "AllowAdhocPdfPageAppending": false
    },
    "WorkstepTasks": {
        "PictureAnnotationMinResolution": 0,
        "PictureAnnotationMaxResolution": 0,
        "PictureAnnotationColorDepth": "Color16M",
        "SequenceMode": "NoSequenceEnforced",
        "PositionUnits": "PdfUnits",
        "ReferenceCorner": "Lower_Left",
        "Tasks": [
            {
                "PositionPage": 1,
                "Position": {
                    "PositionX": 70.0,
                    "PositionY": 606.0
                }
            }
        ]
    }
}

```

```

    },
    "Size": {
      "Height": 80.0,
      "Width": 191.0
    },
    "AdditionalParameters": [
      {
        "Key": "enabled",
        "Value": "1"
      },
      {
        "Key": "positioning",
        "Value": "onPage"
      },
      {
        "Key": "req",
        "Value": "1"
      },
      {
        "Key": "fd",
        "Value": ""
      },
      {
        "Key": "fd_dateformat",
        "Value": "dd-MM-yyyy HH:mm:ss"
      },
      {
        "Key": "fd_timezone",
        "Value": "datetimeutc"
      },
      {
        "Key": "spcId",
        "Value": "padesSigningId"
      }
    ],
    "AllowedSignatureTypes": [
      {
        "Id": "8e4ce7e9-b70b-464b-861e-8429239ef474",
        "DiscriminatorType": "SigTypeGenericSigningPlugin",
        "PluginId":
"GenericSigningPluginForTests"
      }
    ],
    "UseTimestamp": false,
    "IsRequired": true,
    "Id": "1#XyzmoDuplicateIdSeperator#Signature_a48a82a2-0bd3-1e9e-c223-64ad308bf715",
    "DisplayName": "",
    "DocRefNumber": 1,
    "DiscriminatorType": "Signature"
  }
]
},
"DocumentOptions": [
  {
    "DocumentReference": "1",
    "IsHidden": false
  }
],
"UseDefaultAgreements": true
}
]
}
}

```

```

<envelope>
  <name>test</name>
  <eMailSubject>Please sign the enclosed envelope</eMailSubject>

```

```

    <eMailBody>Dear #RecipientFirstName# #RecipientLastName#

#PersonalMessage#

Please sign the envelope #EnvelopeName#

Envelope will expire at #ExpirationDate#</eMailBody>
    <enableReminders>true</enableReminders>
    <firstReminderDayAmount>5</firstReminderDayAmount>
    <recurrentReminderDayAmount>3</recurrentReminderDayAmount>
    <beforeExpirationReminderDayAmount>3</beforeExpirationReminderDayAmount>
    <daysUntilExpire>28</daysUntilExpire>
    <callbackUrl></callbackUrl>
    <statusUpdateCallbackUrl></statusUpdateCallbackUrl>
    <lockFormFieldsAtEnvelopeFinish>false</lockFormFieldsAtEnvelopeFinish>
    <displayedEmailSender>##Email##</displayedEmailSender>
    <steps>
        <step>
            <emailBodyExtra></emailBodyExtra>
            <orderIndex>1</orderIndex>
            <recipientType>Signer</recipientType>
            <useDefaultAgreements>true</useDefaultAgreements>
            <documentOptions>
                <documentOption docRef="1">
                    <isHidden>false</isHidden>
                </documentOption>
            </documentOptions>
            <workstepConfiguration skipThirdPartyChecks="0">
                <WorkstepLabel>test</WorkstepLabel>
                <SmallTextZoomFactorPercent>100</SmallTextZoomFactorPercent>
                <WorkstepTimeToLiveInMinutes>43200</WorkstepTimeToLiveInMinutes>
                <FinishAction>
                    <ClientAction clientName="SIGNificant SignAnywhere" closeApp="0"
RemoveDocumentFromRecentDocumentList="0" CallClientActionOnlyAfterSuccessfulSync="1">https://www.esignanywhere.
net/</ClientAction>
                </FinishAction>
                <signatureTemplate>
                    <sig id="1#XyzmoDuplicateIdSeperator#Signature_a48a82a2-0bd3-1e9e-c223-64ad308bf715" useTimestamp="
false">
                        <positionPage>1</positionPage>
                        <DocRefNumber>1</DocRefNumber>
                        <positionX>70</positionX>
                        <positionY>606</positionY>
                        <width>191</width>
                        <height>80</height>
                        <param name="enabled">1</param>
                        <param name="positioning">onPage</param>
                        <param name="req">1</param>
                        <param name="fd"></param>
                        <param name="fd_dateformat">dd-MM-yyyy HH:mm:ss</param>
                        <param name="fd_timezone">datetimeutc</param>
                        <AllowedSignatureTypes>
                            <sigType id="8e4ce7e9-b70b-464b-861e-8429239ef474" type="GenericSigningPlugin" preferred="0">
                                <genericSigningPluginId>GenericSigningPluginForTests</genericSigningPluginId>
                            </sigType>
                        </AllowedSignatureTypes>
                    </sig>
                        <positionUnits>PdfUnits</positionUnits>
                        <positionReferenceCorner>Lower_Left</positionReferenceCorner>
                    </signatureTemplate>
                    <PictureAnnotationTaskInfo>
                        <MinResolution>0</MinResolution>
                        <MaxResolution>0</MaxResolution>
                        <ColorDepth>Color16M</ColorDepth>
                    </PictureAnnotationTaskInfo>
                    <Policy version="1.1.0.0">
                        <GeneralPolicies>
                            <AllowSaveDocument>1</AllowSaveDocument>
                            <AllowSaveAuditTrail>1</AllowSaveAuditTrail>
                            <AllowRotatingPages>0</AllowRotatingPages>
                            <AllowAppendFileToWorkstep>0</AllowAppendFileToWorkstep>

```

```

    <AllowAppendTasksToWorkstep>0</AllowAppendTasksToWorkstep>
    <AllowEmailDocument>1</AllowEmailDocument>
    <AllowPrintDocument>1</AllowPrintDocument>
    <AllowFinishWorkstep>1</AllowFinishWorkstep>
    <AllowRejectWorkstep>1</AllowRejectWorkstep>
    <AllowRejectWorkstepDelegation>0</AllowRejectWorkstepDelegation>
    <AllowUndoLastAction>1</AllowUndoLastAction>
    <AllowColorizePdfForms>0</AllowColorizePdfForms>
    <AllowAdhocPdfAttachments>0</AllowAdhocPdfAttachments>
    <AllowAdhocSignatures>0</AllowAdhocSignatures>
    <AllowAdhocStampings>0</AllowAdhocStampings>
    <AllowAdhocFreeHandAnnotations>0</AllowAdhocFreeHandAnnotations>
    <AllowAdhocTypewriterAnnotations>0</AllowAdhocTypewriterAnnotations>
    <AllowAdhocPictureAnnotations>0</AllowAdhocPictureAnnotations>
    <AllowAdhocPdfPageAppending>0</AllowAdhocPdfPageAppending>
  </GeneralPolicies>
  <WorkstepTasks SequenceMode="NoSequenceEnforced">
    <Task enabled="0" completed="0" required="1" id="1#XyzmoDuplicateIdSeperator#Signature_a48a82a2-
0bd3-1e9e-c223-64ad308bf715" displayName="" DocRefNumber="1" type="SignField" />
  </WorkstepTasks>
</Policy>
<timeCreated />
<TransactionCodeConfigurations>
  <TransactionCodeConfiguration trConfId="smsAuthTransactionCodeId" language="">

    </TransactionCodeConfiguration>
</TransactionCodeConfigurations>
<ViewerPreferences />
<receiverInformation>
  <userInformation>
    <firstName>##FirstName##</firstName>
    <lastName>##LastName##</lastName>
    <email>##Email##</email>
  </userInformation>
  <showNamirialDisposableDisclaimer>1</showNamirialDisposableDisclaimer>
  <genericSigningPluginData pluginId="GenericSigningPluginForTests">
    <senderDataFields>
      <recipientemail>##Email##</recipientemail>
      <recipientfirstname>##FirstName##</recipientfirstname>
      <customEmail>##Email##</customEmail>
      <userId>##UserId##</userId>
      <email>##Email##</email>
      <password>##Password##</password>
      <number>##Number##</number>
      <phoneNumber>+##PhoneNumber##</phoneNumber>
      <list>app</list>
    </senderDataFields>
  </genericSigningPluginData>
</receiverInformation>
<senderInformation>
  <userInformation>
    <firstName>##FirstName##</firstName>
    <lastName>##LastName##</lastName>
    <email>##Email##</email>
  </userInformation>
</senderInformation>
</workstepConfiguration>
<recipients>
  <recipient>
    <email>##Email##</email>
    <emailBodyExtra></emailBodyExtra>
    <firstName>##FirstName##</firstName>
    <lastName>##LastName##</lastName>
    <languageCode>en</languageCode>
    <disableEmail>>false</disableEmail>
    <skipExternalDataValidation>>false</skipExternalDataValidation>
    <addAndroidAppLink>>false</addAndroidAppLink>
    <addIosAppLink>>false</addIosAppLink>
    <addWindowsAppLink>>false</addWindowsAppLink>
    <allowDelegation>>false</allowDelegation>
    <allowAccessFinishedWorkstep>>false</allowAccessFinishedWorkstep>
  </recipient>

```

```

        <authentications />
    </recipient>
</recipients>
</step>
</steps>
<attachSignedDocumentsToEnvelopeLog>false</attachSignedDocumentsToEnvelopeLog>
</envelope>

```

Generic Signing Plugin (automatic)

≥20.42

In this section you can find the configuration for an automatic generic signing plugin signature. Please see the following workstep configuration for more information:

```

{
  "SspFileIds": ["##SspFileId##"],      "SendEnvelopeDescription": {
    "Name": "GenericSigningPluginForTests",
    "EmailSubject": "*GenericSigningPluginForTests*",
    "EmailBody": "*Please sign the document*",
    "Steps": [{
      "OrderIndex": 1,
      "Recipients": [{
        "Email": "##PlaceholderEmail##",
        "FirstName": "_PlaceholderFirstName",
        "LastName": "_PlaceholderLastName",
        "LanguageCode": "en",
        "DisableEmail": true,
        "AddAndroidAppLink": false,
        "AddIosAppLink": false,
        "AddWindowsAppLink": false,
        "AllowDelegation": false,
        "SkipExternalDataValidation": true
      }],
      "RecipientType": "Automatic",
      "WorkstepConfiguration": {
        "WorkstepLabel": "Automatic",
        "SkipThirdPartyChecks": false,
        "SmallTextZoomFactorPercent": 100,
        "WorkstepTimeToLiveInMinutes": 44650,
        "ViewerPreferences": {
          "FinishWorkstepOnOpen": false
        }
      },
      "Policy": {
        "WorkstepTasks": {
          "SequenceMode": "NoSequenceEnforced",
          "PositionUnits": "PdfUnits",
          "ReferenceCorner": "Lower_Left",
          "Tasks": [{
            "DiscriminatorType": "Signature",
            "Id": "c5d2b3a5-afd1-4794-b8c8-c3f9c0755b75",
            "DocRefNumber": 1,
            "PositionPage": 1,
            "Position": {
              "PositionX": 0.0,
              "PositionY": 0.0
            },
            "Size": {
              "Height": 80.0,
              "Width": 190.0
            },
            "AdditionalParameters": [{
              "Key": "req",
              "Value": "1"
            }, {
              "Key": "positioning",
              "Value": "onPage"
            }, {
              "Key": "enabled",
              "Value": "1"
            }
          ]
        }
      }
    }
  ]
}

```



```

        </sig>
        <positionUnits>PdfUnits</positionUnits>
        <positionReferenceCorner>Lower_Left</positionReferenceCorner>
    </signatureTemplate>
    <PictureAnnotationTaskInfo>
        <MinResolution>-1</MinResolution>
        <MaxResolution>-1</MaxResolution>
        <ColorDepth>Color16M</ColorDepth>
    </PictureAnnotationTaskInfo>
    <Policy version="1.1.0.0">
        <GeneralPolicies>
            <AllowSaveDocument>1</AllowSaveDocument>
            <AllowSaveAuditTrail>1</AllowSaveAuditTrail>
            <AllowRotatingPages>1</AllowRotatingPages>
            <AllowAppendFileToWorkstep>0</AllowAppendFileToWorkstep>
            <AllowAppendTasksToWorkstep>0</AllowAppendTasksToWorkstep>
            <AllowEmailDocument>1</AllowEmailDocument>
            <AllowFinishWorkstep>1</AllowFinishWorkstep>
            <AllowRejectWorkstep>1</AllowRejectWorkstep>
            <AllowRejectWorkstepDelegation>1</AllowRejectWorkstepDelegation>
            <AllowUndoLastAction>1</AllowUndoLastAction>
            <AllowColorizePdfForms>0</AllowColorizePdfForms>
            <AllowAdhocPdfAttachments>1</AllowAdhocPdfAttachments>
            <AllowAdhocSignatures>0</AllowAdhocSignatures>
            <AllowAdhocStampings>0</AllowAdhocStampings>
            <AllowAdhocFreeHandAnnotations>0</AllowAdhocFreeHandAnnotations>
            <AllowAdhocTypewriterAnnotations>0</AllowAdhocTypewriterAnnotations>
            <AllowAdhocPictureAnnotations>0</AllowAdhocPictureAnnotations>
            <AllowAdhocPdfPageAppending>0</AllowAdhocPdfPageAppending>
        </GeneralPolicies>
        <WorkstepTasks SequenceMode="NoSequenceEnforced" />
        <FinalizeActions>
            <AutomaticSignature sigId="c5d2b3a5-afd1-4794-b8c8-c3f9c0755b75" />
        </FinalizeActions>
    </Policy>
    <timeCreated />
    <TransactionCodeConfigurations>
        <TransactionCodeConfiguration trConfId="smsAuthTransactionCodeId" language="">
        </TransactionCodeConfiguration>
    </TransactionCodeConfigurations>
    <ViewerPreferences>
        <FinishWorkstepOnOpen>0</FinishWorkstepOnOpen>
    </ViewerPreferences>
    <senderInformation>
        <userInformation>
            <firstName>##FirstName##</firstName>
            <lastName>##LastName##</lastName>
            <eMail>##Email##</eMail>
        </userInformation>
    </senderInformation>
    <FinishAction />
</workstepConfiguration>
<recipients>
    <recipient>
        <eMail>#PlaceholderEmail##</eMail>
        <emailBodyExtra></emailBodyExtra>
        <firstName>_PlaceHolderFirstName</firstName>
        <lastName>_PlaceHolderFirstName</lastName>
        <languageCode>en</languageCode>
        <disableEmail>true</disableEmail>
        <skipExternalDataValidation>false</skipExternalDataValidation>
        <addAndroidAppLink>false</addAndroidAppLink>
        <addIosAppLink>false</addIosAppLink>
        <addWindowsAppLink>false</addWindowsAppLink>
        <allowDelegation>false</allowDelegation>
        <allowAccessFinishedWorkstep>false</allowAccessFinishedWorkstep>
        <authentications />
    </recipient>
</recipients>
</step>
</steps>

```

```
<attachSignedDocumentsToEnvelopeLog>false</attachSignedDocumentsToEnvelopeLog>
</envelope>
```

Generic Signing Plugin (Batch-Signature)

≥20.42

In this section you can find the configuration for a batch generic signing plugin signature. Please see the following workstep configuration for more information:

```
{
  "SspFileIds": ["##SspFileId##"],
  "SendEnvelopeDescription": {

    "Name": "eSignAnyWhere Tutorial",
    "EmailSubject": "Document of eSignAnyWhere Tutorial",
    "EmailBody": "Dear #RecipientFirstName#! Please sign this tutorial document.",
    "DisplayedEmailSender": "",
    "EnableReminders": true,
    "FirstReminderDayAmount": 1,
    "RecurrentReminderDayAmount": 1,
    "BeforeExpirationDayAmount": 1,
    "DaysUntilExpire": 2,
    "CallbackUrl": "",
    "StatusUpdateCallbackUrl": "",
    "LockFormFieldsAtEnvelopeFinish": false,
    "Steps": [
      {
        "OrderIndex": 1,
        "Recipients": [
          {
            "Email": "##Email##",
            "FirstName": "##FirstName##",
            "LastName": "##LastName##",
            "LanguageCode": "en",
            "EmailBodyExtra": "",
            "DisableEmail": false,
            "AddAndroidAppLink": false,
            "AddIosAppLink": false,
            "AddWindowsAppLink": false,
            "AllowDelegation": false,
            "AllowAccessFinishedWorkstep": false,
            "SkipExternalDataValidation": false,
            "AuthenticationMethods": []
          }
        ],
        "EmailBodyExtra": "",
        "RecipientType": "Signer",
        "WorkstepConfiguration": {
          "WorkstepLabel": "",
          "SmallTextZoomFactorPercent": 100,
          "FinishAction": {
            "ServerActions": [],
            "ClientActions": []
          }
        },
        "ReceiverInformation": {
          "UserInformation": {
            "FirstName": "##FirstName##",
            "LastName": "##LastName##",
            "EMail": "##Email##"
          },
          "TransactionCodePushPluginData": [],
          "GenericSigningPluginDataList": [
            {
              "PluginId": "GenericSigningPluginForTests",
              "SenderDataFields": {
                "Fields": [
                  {
```

```

        "Key": "customEmail",
        "Value": "##Email##"
    },
    {
        "Key": "userId",
        "Value": "##UserId##"
    },
    {
        "Key": "email",
        "Value": "##Email##"
    },
    {
        "Key": "password",
        "Value": "##Password##"
    },
    {
        "Key": "number",
        "Value": "##Number##"
    },
    {
        "Key": "phoneNumber",
        "Value": "+##PhoneNumber##"
    },
    {
        "Key": "list",
        "Value": "app"
    }
    ]
}
}
]
},
"SenderInformation": {
    "UserInformation": {
        "FirstName": "##FirstName##",
        "LastName": "##LastName##",
        "EMail": "##Email##"
    }
},
"TransactionCodeConfigurations": [
    {
        "Id": "",
        "HashAlgorithmIdentifier": "Sha256",
        "Texts": [
            {
                "Value": "Please sign the document with the transactionId {tId} with the code: {Token}"
            }
        ]
    },
    {
        "Id": "Trans1",
        "HashAlgorithmIdentifier": "Sha256",
        "Texts": [
            {
                "Value": "Please accept the transactionId {tId} with the code: {Token}"
            }
        ]
    },
    {
        "Id": "IdentityServerMail",
        "HashAlgorithmIdentifier": "Sha256",
        "Texts": [
            {}
        ]
    },
    {
        "Id": "otpSignatureSmsText",
        "HashAlgorithmIdentifier": "Sha256",
        "Texts": [

```

```

    }
  ],
  "SignatureConfigurations": [],
  "ViewerPreferences": {},
  "AuditingToolsConfiguration": {
    "WriteAuditTrail": true,
    "NotificationConfiguration": {
    }
  },
  "Policy": {
    "GeneralPolicies": {
      "AllowSaveDocument": true,
      "AllowSaveAuditTrail": true,
      "AllowRotatingPages": true,
      "AllowAppendFileToWorkstep": false,
      "AllowAppendTaskToWorkstep": false,
      "AllowEmailDocument": true,
      "AllowPrintDocument": true,
      "AllowFinishWorkstep": true,
      "AllowRejectWorkstep": true,
      "AllowRejectWorkstepDelegation": false,
      "AllowUndoLastAction": true,
      "AllowColorizePdfForms": false,
      "AllowAdhocPdfAttachments": true,
      "AllowAdhocSignatures": true,
      "AllowAdhocStampings": true,
      "AllowAdhocFreeHandAnnotations": true,
      "AllowAdhocTypewriterAnnotations": true,
      "AllowAdhocPictureAnnotations": true,
      "AllowAdhocPdfPageAppending": true,
      "AllowReloadOfFinishedWorkstep": true
    },
    "WorkstepTasks": {
      "PictureAnnotationMinResolution": 96,
      "PictureAnnotationMaxResolution": 300,
      "PictureAnnotationColorDepth": "Color16M",
      "SequenceMode": "SequenceOnlyRequiredTasks",
      "PositionUnits": "PdfUnits",
      "ReferenceCorner": "Lower_Left",
      "Tasks": [
        {
          "PositionPage": 1,
          "Position": {
            "PositionX": 50.0,
            "PositionY": 700.0
          },
          "Size": {
            "Height": 54.85714,
            "Width": 240.0
          },
          "AdditionalParameters": [
            {
              "Key": "enabled",
              "Value": "1"
            },
            {
              "Key": "completed",
              "Value": "0"
            },
            {
              "Key": "sigType",
              "Value": "GenericSigningPlugin"
            },
            {
              "Key": "genericSigningPluginId",
              "Value": "GenericSigningPluginForTests"
            },
            {
              "Key": "positioning",
              "Value": "onPage"
            }
          ]
        }
      ]
    }
  }
}

```

```

    {
      "Key": "ly",
      "Value": "remoteCertificate"
    },
    {
      "Key": "fd",
      "Value": "My Field Description Text"
    }
  ],
  "AllowedSignatureTypes": [],
  "UseTimestamp": false,
  "IsRequired": false,
  "Id": "Sig1a",
  "DisplayName": "SignField 1",
  "DocRefNumber": 1,
  "BatchId": "batch",
  "DiscriminatorType": "Signature"
},
{
  "PositionPage": 1,
  "Position": {
    "PositionX": 50.0,
    "PositionY": 600.0
  },
  "Size": {
    "Height": 54.85714,
    "Width": 240.0
  },
  "AdditionalParameters": [
    {
      "Key": "enabled",
      "Value": "1"
    },
    {
      "Key": "completed",
      "Value": "0"
    },
    {
      "Key": "sigType",
      "Value": "GenericSigningPlugin"
    },
    {
      "Key": "genericSigningPluginId",
      "Value": "GenericSigningPluginForTests"
    },
    {
      "Key": "positioning",
      "Value": "onPage"
    },
    {
      "Key": "ly",
      "Value": "remoteCertificate"
    },
    {
      "Key": "fd",
      "Value": "My Field Description Text"
    }
  ],
  "AllowedSignatureTypes": [],
  "UseTimestamp": false,
  "IsRequired": false,
  "Id": "Sig1b",
  "DisplayName": "SignField 1",
  "DocRefNumber": 1,
  "BatchId": "batch",
  "DiscriminatorType": "Signature"
},
{
  "PositionPage": 1,
  "Position": {
    "PositionX": 50.0,

```

```

        "PositionY": 500.0
    },
    "Size": {
        "Height": 54.85714,
        "Width": 240.0
    },
    "AdditionalParameters": [
        {
            "Key": "enabled",
            "Value": "1"
        },
        {
            "Key": "completed",
            "Value": "0"
        },
        {
            "Key": "sigType",
            "Value": "GenericSigningPlugin"
        },
        {
            "Key": "genericSigningPluginId",
            "Value": "GenericSigningPluginForTests"
        },
        {
            "Key": "positioning",
            "Value": "onPage"
        },
        {
            "Key": "ly",
            "Value": "remoteCertificate"
        },
        {
            "Key": "fd",
            "Value": "My Field Description Text"
        }
    ],
    "AllowedSignatureTypes": [],
    "UseTimestamp": false,
    "IsRequired": false,
    "Id": "Sig1c",
    "DisplayName": "SignField 1",
    "DocRefNumber": 1,
    "BatchId": "batch",
    "DiscriminatorType": "Signature"
    }
    ]
}
},
"Navigation": {
    "HyperLinks": [],
    "Links": [],
    "LinkTargets": []
}
},
"DocumentOptions": [
    {
        "DocumentReference": "1",
        "IsHidden": false
    }
],
"UseDefaultAgreements": true
},
{
    "OrderIndex": 2,
    "Recipients": [
        {
            "Email": "##Email##",
            "FirstName": "##FirstName##",
            "LastName": "##LastName##",
            "LanguageCode": "en",
            "EmailBodyExtra": "",

```

```

        "DisableEmail": false,
        "AddAndroidAppLink": false,
        "AddIosAppLink": false,
        "AddWindowsAppLink": false,
        "AllowDelegation": false,
        "AllowAccessFinishedWorkstep": false,
        "SkipExternalDataValidation": false,
        "AuthenticationMethods": []
    }
},
"EmailBodyExtra": "",
"RecipientType": "Cc",
"DocumentOptions": [
    {
        "DocumentReference": "1",
        "IsHidden": false
    }
],
"UseDefaultAgreements": true
}
},
"AddFormFields": {
    "Forms": {}
},
"OverrideFormFieldValues": {
    "Forms": {}
},
"AttachSignedDocumentsToEnvelopeLog": false
}
}

```

```

<envelope>
  <name>eSignAnyWhere Tutorial</name>
  <eMailSubject>Document of eSignAnyWhere Tutorial</eMailSubject>
  <eMailBody>Dear #RecipientFirstName#! Please sign this tutorial document.</eMailBody>
  <enableReminders>True</enableReminders>
  <firstReminderDayAmount>1</firstReminderDayAmount>
  <recurrentReminderDayAmount>1</recurrentReminderDayAmount>
  <beforeExpirationReminderDayAmount>1</beforeExpirationReminderDayAmount>
  <daysUntilExpire>2</daysUntilExpire>
  <callbackUrl />
  <steps>
    <step>
      <emailBodyExtra />
      <orderIndex>1</orderIndex>
      <recipientType>Signer</recipientType>
      <recipients>
        <recipient>
          <languageCode>en</languageCode>
          <eMail>##Email##</eMail>
          <firstName>##FirstName##</firstName>
          <lastName>##LastName##</lastName>
        </recipient>
      </recipients>
      <workstepConfiguration skipThirdPartyChecks="0">
    </workstepConfiguration>
  </steps>
  <WorkstepLabel />
  <SmallTextZoomFactorPercent>100</SmallTextZoomFactorPercent>
  <WorkstepTimeToLiveInMinutes>900</WorkstepTimeToLiveInMinutes>
  <FinishAction>
  </FinishAction>
  <signatureTemplate>
    <version>1.2.0.2</version>
    <positionUnits>PdfUnits</positionUnits>
    <positionReferenceCorner>Lower_Left</positionReferenceCorner>
    <sig id="Sig1a">
      <positionPage>1</positionPage>
      <DocRefNumber>1</DocRefNumber>
      <positionX>50</positionX>
    </sig id="Sig1a">
  </signatureTemplate>

```

```

    <positionY>700</positionY>
    <width>240</width>
    <height>54.85714</height>
    <param name="enabled">1</param>
    <param name="completed">0</param>
    <param name="sigType">GenericSigningPlugin</param>
    <param name="genericSigningPluginId">GenericSigningPluginForTests</param>
    <param name="positioning">onPage</param>
    <param name="ly">remoteCertificate</param>
    <param name="fd">My Field Description Text</param>
</sig>
<sig id="Sig1b">
    <positionPage>1</positionPage>
    <DocRefNumber>1</DocRefNumber>
    <positionX>50</positionX>
    <positionY>600</positionY>
    <width>240</width>
    <height>54.85714</height>
    <param name="enabled">1</param>
    <param name="completed">0</param>
    <param name="sigType">GenericSigningPlugin</param>
    <param name="genericSigningPluginId">GenericSigningPluginForTests</param>
    <param name="positioning">onPage</param>
    <param name="ly">remoteCertificate</param>
    <param name="fd">My Field Description Text</param>
</sig>
<sig id="Sig1c">
    <positionPage>1</positionPage>
    <DocRefNumber>1</DocRefNumber>
    <positionX>50</positionX>
    <positionY>500</positionY>
    <width>240</width>
    <height>54.85714</height>
    <param name="enabled">1</param>
    <param name="completed">0</param>
    <param name="sigType">GenericSigningPlugin</param>
    <param name="genericSigningPluginId">GenericSigningPluginForTests</param>
    <param name="positioning">onPage</param>
    <param name="ly">remoteCertificate</param>
    <param name="fd">My Field Description Text</param>
</sig>
</signatureTemplate>
<receiverInformation>
    <userInformation>
        <firstName>##FirstName##</firstName>
        <lastName>##LastName##</lastName>
        <eMail>##Email##</eMail>
    </userInformation>
    <genericSigningPluginData pluginId="GenericSigningPluginForTests">
        <senderDataFields>
        </senderDataFields>
    </genericSigningPluginData>
</receiverInformation>
<pdfForms isEditingAllowed="1" />
<attachmentFields />
<PictureAnnotationTaskInfo>
    <MinResolution>96</MinResolution>
    <MaxResolution>300</MaxResolution>
    <ColorDepth>Color16M</ColorDepth>
</PictureAnnotationTaskInfo>
<TypewriterAnnotationTaskInfo />
<Policy version="1.1.0.0">
    <GeneralPolicies>
        <AllowSaveDocument>1</AllowSaveDocument>
        <AllowSaveAuditTrail>1</AllowSaveAuditTrail>
        <AllowRotatingPages>1</AllowRotatingPages>
        <AllowAppendFileToWorkstep>0</AllowAppendFileToWorkstep>
        <AllowAppendTasksToWorkstep>0</AllowAppendTasksToWorkstep>
        <AllowEmailDocument>1</AllowEmailDocument>
        <AllowPrintDocument>1</AllowPrintDocument>
        <AllowFinishWorkstep>1</AllowFinishWorkstep>
    </GeneralPolicies>
</Policy>

```

```

    <AllowRejectWorkstep>1</AllowRejectWorkstep>
    <AllowRejectWorkstepDelegation>0</AllowRejectWorkstepDelegation>
    <AllowUndoLastAction>1</AllowUndoLastAction>
    <AllowColorizePdfForms>0</AllowColorizePdfForms>
    <AllowReloadOfFinishedWorkstep>1</AllowReloadOfFinishedWorkstep>
    <AllowAdhocPdfAttachments>1</AllowAdhocPdfAttachments>
    <AllowAdhocSignatures>1</AllowAdhocSignatures>
    <AllowAdhocStampings>1</AllowAdhocStampings>
    <AllowAdhocFreeHandAnnotations>1</AllowAdhocFreeHandAnnotations>
    <AllowAdhocTypewriterAnnotations>1</AllowAdhocTypewriterAnnotations>
    <AllowAdhocPictureAnnotations>1</AllowAdhocPictureAnnotations>
    <AllowAdhocPdfPageAppending>1</AllowAdhocPdfPageAppending>
  </GeneralPolicies>
  <WorkstepTasks SequenceMode="SequenceOnlyRequiredTasks">
    <Task enabled="1" completed="0" required="0" id="Sig1a" displayName="SignField 1" DocRefNumber="1" type="
SignField" internalAllConcernedDocRefNumbersList="1" allRequiredFieldsFilledOnWorkstepCreation="0" batchId="
batch" />
    <Task enabled="1" completed="0" required="0" id="Sig1b" displayName="SignField 1" DocRefNumber="1" type="
SignField" internalAllConcernedDocRefNumbersList="1" allRequiredFieldsFilledOnWorkstepCreation="0" batchId="
batch" />
    <Task enabled="1" completed="0" required="0" id="Sig1c" displayName="SignField 1" DocRefNumber="1" type="
SignField" internalAllConcernedDocRefNumbersList="1" allRequiredFieldsFilledOnWorkstepCreation="0" batchId="
batch" />
  </WorkstepTasks>
  <AdhocPolicies>
    <AllowModificationsAfterSignature>1</AllowModificationsAfterSignature>
  </AdhocPolicies>
</Policy>
<Navigation />
<timeCreated>2020-07-08T08:17:01.0948544Z</timeCreated>
<signaturePluginConfiguration>
  <PdfSignatureProperties_V1>
    <PdfAConformant>0</PdfAConformant>
    <ValidateSigningCertificateName regex="(?(<LastName>.*) (?(<FirstName>.*))">0<
/ValidateSigningCertificateName>
    <ValidateSigningCertificateViaEutl>0</ValidateSigningCertificateViaEutl>
    <PAESPart4Compliant>0</PAESPart4Compliant>
    <IncludeSigningCertificateChain>0</IncludeSigningCertificateChain>
    <SigningCertificateRevocationInformationIncludeMode>DoNotInclude<
/SigningCertificateRevocationInformationIncludeMode>
    <SignatureTimestampData>
      <Password />
      <SignatureHashAlgorithm>SHA1</SignatureHashAlgorithm>
      <Uri />
      <UserName />
    </SignatureTimestampData>
  </PdfSignatureProperties_V1>
  <PdfSignatureCryptographicData_V1>
    <SignatureHashAlgorithm>Sha256</SignatureHashAlgorithm>
    <SigningCertificateDescriptor>
      <Identifier>14527a6bcfa8b4d7d0183fca6b735b1c246d14ae</Identifier>
      <Type>Sha1Thumbprint</Type>
      <Csp>Default</Csp>
    </SigningCertificateDescriptor>
  </PdfSignatureCryptographicData_V1>
</signaturePluginConfiguration>
<AuditingToolsConfiguration WriteAuditTrail="1">
  <NotificationConfiguration>
  </NotificationConfiguration>
</AuditingToolsConfiguration>
<TransactionCodeConfigurations>
  <TransactionCodeConfiguration trConfId="">
    <Message>Please sign the transactionId {tId} with the code: {Token}</Message>
    <hashAlgorithmIdentifier>Sha256</hashAlgorithmIdentifier>
  </TransactionCodeConfiguration>
  <TransactionCodeConfiguration trConfId="Trans1">
    <Message>Please accept the transactionId {tId} with the code: {Token}</Message>
    <hashAlgorithmIdentifier>Sha256</hashAlgorithmIdentifier>
  </TransactionCodeConfiguration>
  <TransactionCodeConfiguration trConfId="IdentityServerMail">
    <Subject>Message for TransactionCode</Subject>
  </TransactionCodeConfiguration>
</TransactionCodeConfigurations>

```

```

    <FromAddress>##Email##</FromAddress>
    <TextBody>Please accept the transactionId {tId} with the code: {Token}</TextBody>

    <hashAlgorithmIdentifier>Sha256</hashAlgorithmIdentifier>
  </TransactionCodeConfiguration>
</TransactionCodeConfigurations>
</workstepConfiguration>
</step>
<step>
  <emailBodyExtra />
  <orderIndex>2</orderIndex>
  <recipientType>CC</recipientType>
  <recipients>
    <recipient>
      <languageCode>en</languageCode>
      <eMail>##Email##</eMail>
      <firstName>##FirstName##</firstName>
      <lastName>##LastName##</lastName>
    </recipient>
  </recipients>
</step>
</steps>
</envelope>

```

Authentication

You can add different authentications for the recipient to ensure that only the one who has the code/phone number can open the envelope. Following list shows the different authentications:

- Pin
- SMS
- WindowsLive

In the next two collapses you can find the configuration for the Pin-authentication and for the SMS-authentication:

Pin-authentication

```

{
    "Method": "Pin",
    "Parameter": "1234"
}

```

```

<authentications>
<authentication>
<method>Pin</method>
<parameter>1234</parameter>
</authentication>
</authentications>

```

SMS-authentication

```

{
    "Method": "Sms",
    "Parameter": "+0123456789"
}

```

```

<authentications>
<authentication>
<method>Sms</method>
<parameter>+0123456789</parameter>
</authentication>
</authentications>

```

You have to place the authentication in the section "recipient". You can find a workstep configuration with an authentication in the next section:

```
"Steps": [  
  {  
    "OrderIndex": 1,  
    "Recipients": [  
      {  
        "Email": "##EMAIL##",  
        "FirstName": "##NAME##",  
        "LastName": "##NAME##",  
        "LanguageCode": "en",  
        "EmailBodyExtra": "",  
        "DisableEmail": false,  
        "AddAndroidAppLink": false,  
        "AddIosAppLink": false,  
        "AddWindowsAppLink": false,  
        "AllowDelegation": false,  
        "SkipExternalDataValidation": false,  
        "AuthenticationMethods": [  
          {  
            "Method": "Pin",  
            "Parameter": "1234"  
          }  
        ]  
      }  
    ]  
  }  
],
```

```

    <envelope>
<name>eSignAnyWhere Tutorial</name>
<eMailSubject>Document of eSignAnyWhere Tutorial</eMailSubject>
<eMailBody>Dear #RecipientFirstName#! Please sign this tutorial document.</eMailBody>
<enableReminders>True</enableReminders>
<firstReminderDayAmount>1</firstReminderDayAmount>
<recurrentReminderDayAmount>1</recurrentReminderDayAmount>
<beforeExpirationReminderDayAmount>1</beforeExpirationReminderDayAmount>
<daysUntilExpire>2</daysUntilExpire>
<!-- callback to your backend system on a completed envelope
<callbackUrl>http://172.16.17.78:57550/default.aspx?EnvelopeId##EnvelopeId##&myParamForMe=1234</callbackUrl>
-->
<callbackUrl />
<steps>
<step>
<emailBodyExtra />
<orderIndex>1</orderIndex>
<recipientType>Signer</recipientType>
<recipients>
<recipient>
<languageCode>en</languageCode>
<eMail>##EMAIL##</eMail>
<firstName>Alice</firstName>
<lastName>Somenam</lastName>
<authentications>
<authentication>
<method>Pin</method>
<parameter>1234</parameter>
</authentication>
</authentications>
</recipient>
</recipients>
<workstepConfiguration>
<WorkstepLabel />
<SmallTextZoomFactorPercent>100</SmallTextZoomFactorPercent>
<WorkstepTimeToLiveInMinutes>11520</WorkstepTimeToLiveInMinutes>
<FinishAction />
<ViewerPreferences>
</ViewerPreferences>
<signatureTemplate>
</signatureTemplate>
<Policy version="1.1.0.0">
<GeneralPolicies>
</GeneralPolicies>
<WorkstepTasks SequenceMode="SequenceOnlyRequiredTasks" originalSequenceMode="SequenceOnlyRequiredTasks">
</WorkstepTasks>
</Policy>
<TransactionCodeConfigurations>
<TransactionCodeConfiguration trConfId="">
</TransactionCodeConfiguration>
</TransactionCodeConfigurations>
</workstepConfiguration>
</step>
</steps>
</envelope>

```

PdfForms

The following list shows you all different form fields which can be placed on the document:

- Textfield
- Radiobutton
- Checkbox
- Listbox
- Combobox

The next tabs you can find the configurations of these form fields. Beginning with the configuration of the section "PdfForms".



There are two configurations to do:

- PdfForms
- AddFormFields

This applies to all form fields.

Textfield

```
"Forms": [
  {
    "Id": "TextBox_3daf9a88-bf45-70af-99d0-c077bcb48245",
    "PositionPage": 1,
    "DocRefNumber": 1,
    "Position": {
      "PositionX": 77.0,
      "PositionY": 590.0
    },
    "Size": {
      "Height": 20.0,
      "Width": 124.0
    },
    "DiscriminatorType": "TextBox"
  },
  {
    "IsRequired": false,
    "Id": "f390ebd3-4b9c-4554-ab61-4d1234bad681",
    "DisplayName": "",
    "DocRefNumber": 1,
    "DiscriminatorType": "FormGroup"
  }
],
```

```
<textBox id="TextBox_044431e0-c75b-ea8a-0a6b-b2a82a3b7a67">
<DocRefNumber>1</DocRefNumber>
<isRequired>0</isRequired>
<positionPage>1</positionPage>
<positionX>70</positionX>
<positionY>579</positionY>
<width>124</width>
<height>20</height>
</textBox>
```

Radiobutton

```
{
  "RadioButtonGroupId": "RadioButton_942fca6a-5e0e-7694-b858-b5ded711ed0b",
  "Id": "0",
  "PositionPage": 1,
  "DocRefNumber": 1,
  "Position": {
    "PositionX": 77.0,
    "PositionY": 553.0
  },
  "Size": {
    "Height": 20.0,
    "Width": 20.0
  },
  "DiscriminatorType": "RadioButton"
},
```

```

<radioButton id="RadioButton_2b853f33-ed5c-7e39-7865-41056a90ca13#XyzmoIndexSeparator#0">
<DocRefNumber>1</DocRefNumber>
<isRequired>0</isRequired>
<positionPage>1</positionPage>
<positionX>66</positionX>
<positionY>544</positionY>
<width>20</width>
<height>20</height>
</radioButton>

```

Checkbox

```

{
    "IsRequired": false,
    "RequiredEvalPolicy": "None",
    "Id": "CheckBox_41371eaf-6e1a-0d9a-58a9-0705fd8d08d1",
    "PositionPage": 1,
    "DocRefNumber": 1,
    "Position": {
        "PositionX": 77.0,
        "PositionY": 520.0
    },
    "Size": {
        "Height": 20.0,
        "Width": 20.0
    },
    "DiscriminatorType": "CheckBox"
},

```

```

<checkBox id="CheckBox_6f1fde0e-9338-f34b-6fe2-05d27ff632b9">
<requiredEvalPolicy>None</requiredEvalPolicy>
<DocRefNumber>1</DocRefNumber>
<isRequired>0</isRequired>
<positionPage>1</positionPage>
<positionX>69</positionX>
<positionY>511</positionY>
<width>20</width>
<height>20</height>
</checkBox>

```

Listbox

```

{
    "Items": [],
    "Id": "ListBox_d51c4e55-2497-8ab4-f2c8-6f60ac6a2cfd",
    "PositionPage": 1,
    "DocRefNumber": 1,
    "Position": {
        "PositionX": 79.0,
        "PositionY": 475.0
    },
    "Size": {
        "Height": 30.0,
        "Width": 150.0
    },
    "DiscriminatorType": "ListBox"
},

```

```

<listBox id="ListBox_1c2a2627-5262-2fb0-d937-5e0f947031a4">
<DocRefNumber>1</DocRefNumber>
<isRequired>0</isRequired>
<positionPage>1</positionPage>
<positionX>69</positionX>
<positionY>464</positionY>
<width>150</width>
<height>30</height>
</listBox>

```

Listbox (Multiselect)

In the workstep configuration you can also define to select multiple items in the listbox. To define a multiselect of items you have to have at least two items in the listbox and you have to activate multiselect for this listbox. Please see the configurations below for more information:

Here you can find the configuration to enable multiselect for the listbox:

```
"IsMultiselect": true,
```

```
<isMultiSelect>1</isMultiSelect>
```

Below you can find a complete configuration with three items in the listbox and the enabled multiselect.

```

{
  "SspFileIds": [
    "##FILE-ID##"
  ],
  "SendEnvelopeDescription": {
    "Name": "test",
    "EmailSubject": "Please sign the enclosed envelope",
    "EmailBody": "Dear #RecipientFirstName# #RecipientLastName#\n\n#PersonalMessage#\n\nPlease sign the envelope",
    "#EnvelopeName#\n\nEnvelope will expire at #ExpirationDate#",
    "DisplayedEmailSender": "",
    "EnableReminders": true,
    "FirstReminderDayAmount": 5,
    "RecurrentReminderDayAmount": 3,
    "BeforeExpirationDayAmount": 3,
    "DaysUntilExpire": 28,
    "CallbackUrl": "",
    "StatusUpdateCallbackUrl": "",
    "LockFormFieldsAtEnvelopeFinish": true,
    "Steps": [
      {
        "OrderIndex": 1,
        "Recipients": [
          {
            "Email": "##EMAIL##",
            "FirstName": "##NAME##",
            "LastName": "##NAME##",
            "LanguageCode": "en",
            "EmailBodyExtra": "",
            "DisableEmail": false,
            "AddAndroidAppLink": false,
            "AddIosAppLink": false,
            "AddWindowsAppLink": false,
            "AllowDelegation": false,
            "AllowAccessFinishedWorkstep": false,
            "SkipExternalDataValidation": false,
            "AuthenticationMethods": []
          }
        ],
        "EmailBodyExtra": "",
        "RecipientType": "Signer",
        "WorkstepConfiguration": {
          "WorkstepLabel": "test",

```

```

"SmallTextZoomFactorPercent": 100,
"FinishAction": {
  "ServerActions": [],
  "ClientActions": [
    {
      "RemoveDocumentFromRecentDocumentList": false,
      "CallClientActionOnlyAfterSuccessfulSync": true,
      "ClientName": "SIGNificant SignAnywhere",
      "CloseApp": false,
      "Action": "https://www.esignanywhere.net/"
    }
  ]
},
"ReceiverInformation": {
  "UserInformation": {
    "FirstName": "##NAME##",
    "LastName": "##NAME##",
    "EMail": "##EMAIL##"
  },
  "TransactionCodePushPluginData": []
},
"SenderInformation": {
  "UserInformation": {
    "FirstName": "##NAME##",
    "LastName": "##NAME##",
    "EMail": "##EMAIL##"
  }
},
"TransactionCodeConfigurations": [
  {
    "Id": "smsAuthTransactionCodeId",
    "HashAlgorithmIdentifier": "Sha256",
    "Texts": [

    ]
  }
],
"SignatureConfigurations": [],
"ViewerPreferences": {
  "FinishWorkstepOnOpen": false,
  "VisibleAreaOptions": {
    "AllowedDomain": "*",
    "Enabled": false
  }
},
"ResourceUris": {},
"AuditingToolsConfiguration": {
  "WriteAuditTrail": false,
  "NotificationConfiguration": {}
},
"Policy": {
  "GeneralPolicies": {
    "AllowSaveDocument": true,
    "AllowSaveAuditTrail": true,
    "AllowRotatingPages": false,
    "AllowEmailDocument": true,
    "AllowPrintDocument": true,
    "AllowFinishWorkstep": true,
    "AllowRejectWorkstep": true,
    "AllowRejectWorkstepDelegation": false,
    "AllowUndoLastAction": true,
    "AllowAdhocPdfAttachments": false,
    "AllowAdhocSignatures": false,
    "AllowAdhocStampings": false,
    "AllowAdhocFreeHandAnnotations": false,
    "AllowAdhocTypewriterAnnotations": false,
    "AllowAdhocPictureAnnotations": false,
    "AllowAdhocPdfPageAppending": false
  },
  "WorkstepTasks": {
    "PictureAnnotationMinResolution": 0,

```

```

"PictureAnnotationMaxResolution": 0,
"PictureAnnotationColorDepth": "Color16M",
"SequenceMode": "NoSequenceEnforced",
"PositionUnits": "PdfUnits",
"ReferenceCorner": "Lower_Left",
"Tasks": [
  {
    "Forms": [
      {
        "Items": [],
        "IsRequired": false,
        "Id": "ListBox_ef1ae2c5-8c83-2aab-b9eb-56624e33bcb8",

        "PositionPage": 1,
        "DocRefNumber": 1,
        "Position": {
          "PositionX": 60.0,
          "PositionY": 655.0
        },
        "Size": {
          "Height": 30.0,
          "Width": 150.0
        },
        "DiscriminatorType": "ListBox"
      }
    ],
    "IsRequired": false,
    "Id": "8ab43761-8310-4331-8c47-b3b9c5886146",
    "DisplayName": "",
    "DocRefNumber": 1,
    "DiscriminatorType": "FormGroup"
  }
]
},
"Navigation": {
  "HyperLinks": [],
  "Links": [],
  "LinkTargets": []
}
},
"DocumentOptions": [
  {
    "DocumentReference": "1",
    "IsHidden": false
  }
],
"UseDefaultAgreements": true
},
{
  "OrderIndex": 2,
  "Recipients": [
    {
      "Email": "###EMAIL##",
      "FirstName": "###NAME##",
      "LastName": "###NAME##",
      "LanguageCode": "en",
      "EmailBodyExtra": "",
      "DisableEmail": false,
      "AddAndroidAppLink": false,
      "AddIosAppLink": false,
      "AddWindowsAppLink": false,
      "AllowDelegation": false,
      "SkipExternalDataValidation": false,
      "AuthenticationMethods": []
    }
  ],
  "EmailBodyExtra": "",
  "RecipientType": "Cc",
  "DocumentOptions": [],

```

```

    "UseDefaultAgreements": false
  }
],
"AddFormFields": {
  "Forms": {
    "1": [
      {
        "Items": [
          {
            "ExportValue": "option1",
            "DisplayValue": "option1",

            "IsSelected": true
          },
          {
            "ExportValue": "option2",
            "DisplayValue": "option2",

            "IsSelected": true
          },
          {
            "ExportValue": "option3",
            "DisplayValue": "option3",

            "IsSelected": false
          }
        ],
        "TextColor": "",
        "IsMultiselect": true,
        "FontSize": 11.0,
        "FontName": "Times New Roman",
        "Bold": false,
        "Italic": false,
        "TextAlign": "Left",
        "Name": "ListBox_ef1ae2c5-8c83-2aab-b9eb-56624e33bcb8",
        "ReadOnly": false,
        "Required": false,
        "X": 60.0,
        "Y": 655.0,
        "Width": 150.0,
        "Height": 30.0,
        "Page": 1,
        "DiscriminatorType": "AddListBoxFormFieldDescriptor"
      }
    ]
  }
},
"OverrideFormFieldValues": {
  "Forms": {}
},
"AttachSignedDocumentsToEnvelopeLog": false
}
}

```

```

<envelope>
  <name>test</name>
  <eMailSubject>Please sign the enclosed envelope</eMailSubject>
  <eMailBody>Dear #RecipientFirstName# #RecipientLastName#

#PersonalMessage#

Please sign the envelope #EnvelopeName#

Envelope will expire at #ExpirationDate#</eMailBody>
  <enableReminders>true</enableReminders>
  <firstReminderDayAmount>5</firstReminderDayAmount>
  <recurrentReminderDayAmount>3</recurrentReminderDayAmount>
  <beforeExpirationReminderDayAmount>3</beforeExpirationReminderDayAmount>
  <daysUntilExpire>28</daysUntilExpire>

```

```

<callbackUrl></callbackUrl>
<statusUpdateCallbackUrl></statusUpdateCallbackUrl>
<lockFormFieldsAtEnvelopeFinish>true</lockFormFieldsAtEnvelopeFinish>
<displayedEmailSender></displayedEmailSender>
<steps>
  <step>
    <emailBodyExtra></emailBodyExtra>
    <orderIndex>1</orderIndex>
    <recipientType>Signer</recipientType>
    <useDefaultAgreements>true</useDefaultAgreements>
    <documentOptions>
      <documentOption docRef="1">
        <isHidden>>false</isHidden>
      </documentOption>
    </documentOptions>
    <workstepConfiguration skipThirdPartyChecks="0">
      <WorkstepLabel>test</WorkstepLabel>
      <SmallTextZoomFactorPercent>100</SmallTextZoomFactorPercent>
      <WorkstepTimeToLiveInMinutes>44650</WorkstepTimeToLiveInMinutes>
      <AbsoluteExpiryDate>2020-07-17T07:15:28.9549326Z</AbsoluteExpiryDate>
      <FinishAction>
        <ClientAction clientName="SIGNificant SignAnywhere" closeApp="0"
RemoveDocumentFromRecentDocumentList="0" CallClientActionOnlyAfterSuccessfulSync="1">https://www.esignanywhere.
net</ClientAction>
      </FinishAction>
      <ViewerPreferences>
        <SendVisibleArea allowedDomain="*">0</SendVisibleArea>
        <FinishWorkstepOnOpen>0</FinishWorkstepOnOpen>
      </ViewerPreferences>
      <Policy version="1.1.0.0">
        <AdhocPolicies>
          <AllowModificationsAfterSignature>1</AllowModificationsAfterSignature>
        </AdhocPolicies>
        <GeneralPolicies>
          <AllowAdhocFreeHandAnnotations>0</AllowAdhocFreeHandAnnotations>
          <AllowAdhocPdfAttachments>0</AllowAdhocPdfAttachments>
          <AllowAdhocPdfPageAppending>0</AllowAdhocPdfPageAppending>
          <AllowAdhocPictureAnnotations>0</AllowAdhocPictureAnnotations>
          <AllowAdhocSignatures>0</AllowAdhocSignatures>
          <AllowAdhocStampings>0</AllowAdhocStampings>
          <AllowAdhocTypewriterAnnotations>0</AllowAdhocTypewriterAnnotations>
          <AllowEmailDocument>1</AllowEmailDocument>
          <AllowFinishWorkstep>1</AllowFinishWorkstep>
          <AllowPrintDocument>1</AllowPrintDocument>
          <AllowRejectWorkstep>1</AllowRejectWorkstep>
          <AllowSaveAuditTrail>1</AllowSaveAuditTrail>
          <AllowSaveDocument>1</AllowSaveDocument>
          <AllowUndoLastAction>1</AllowUndoLastAction>
          <AllowRotatingPages>0</AllowRotatingPages>
          <AllowRejectWorkstepDelegation>0</AllowRejectWorkstepDelegation>
        </GeneralPolicies>
        <WorkstepTasks originalSequenceMode="NoSequenceEnforced" SequenceMode="NoSequenceEnforced">
          <Task id="411581f7-5d5b-4443-8aec-43027d1f703c" DocRefNumber="1" enabled="1" completed="0" type="
FillFormsGroup" required="0" displayName="" />
        </WorkstepTasks>
      </Policy>
    </Navigation />
    <timeCreated>2020-07-17T07:05:28.9236813Z</timeCreated>
    <TransactionCodeConfigurations>
      <TransactionCodeConfiguration trConfId="smsAuthTransactionCodeId">
      </TransactionCodeConfiguration>
    </TransactionCodeConfigurations>
    <receiverInformation>
      <userInformation>
        <firstName>##NAME##</firstName>
        <lastName>##NAME##</lastName>
        <eMail>##EMAIL##</eMail>
      </userInformation>
      <showNamirialDisposableDisclaimer>1</showNamirialDisposableDisclaimer>
    </receiverInformation>
    <senderInformation>

```

```
<userInformation>
  <firstName>##NAME##</firstName>
  <lastName>##NAME##</lastName>
  <eMail>##EMAIL##</eMail>
</userInformation>
</senderInformation>
<pdfForms isEditingAllowed="0">
  <pdfFormsGroup id="411581f7-5d5b-4443-8aec-43027d1f703c">
    <listBox id="ListBox_ef1ae2c5-8c83-2aab-b9eb-56624e33bcb8">
      <DocRefNumber>1</DocRefNumber>
      <isRequired>0</isRequired>
      <positionPage>1</positionPage>
      <positionX>60</positionX>
      <positionY>655</positionY>
      <width>150</width>
      <height>30</height>
    </listBox>
  </pdfFormsGroup>
</pdfForms>
<TypewriterAnnotationTaskInfo />
<attachmentFields />
<signatureTemplate>
  <version>1.2.0.2</version>
  <positionReferenceCorner>Lower_Left</positionReferenceCorner>
  <positionUnits>PdfUnits</positionUnits>
</signatureTemplate>
<AuditingToolsConfiguration WriteAuditTrail="0">
  <NotificationConfiguration />
</AuditingToolsConfiguration>
<resourceUris />
</workstepConfiguration>
<recipients>
  <recipient>
    <eMail>##EMAIL##</eMail>
    <emailBodyExtra></emailBodyExtra>
    <firstName>##NAME##</firstName>
    <lastName>##NAME##</lastName>
    <languageCode>en</languageCode>
    <disableEmail>false</disableEmail>
    <skipExternalDataValidation>false</skipExternalDataValidation>
    <addAndroidAppLink>false</addAndroidAppLink>
    <addIosAppLink>false</addIosAppLink>
    <addWindowsAppLink>false</addWindowsAppLink>
    <allowDelegation>false</allowDelegation>
    <allowAccessFinishedWorkstep>false</allowAccessFinishedWorkstep>
    <authentications />
  </recipient>
</recipients>
</step>
<step>
  <emailBodyExtra></emailBodyExtra>
  <orderIndex>2</orderIndex>
  <recipientType>Cc</recipientType>
  <useDefaultAgreements>false</useDefaultAgreements>
  <recipients>
    <recipient>
      <eMail>##EMAIL##</eMail>
      <emailBodyExtra></emailBodyExtra>
      <firstName>##NAME##</firstName>
      <lastName>##NAME##</lastName>
      <languageCode>en</languageCode>
      <disableEmail>false</disableEmail>
      <skipExternalDataValidation>false</skipExternalDataValidation>
      <addAndroidAppLink>false</addAndroidAppLink>
      <addIosAppLink>false</addIosAppLink>
      <addWindowsAppLink>false</addWindowsAppLink>
      <allowDelegation>false</allowDelegation>
      <authentications />
    </recipient>
  </recipients>
</step>
```

```

</steps>
<addFormFields>
  <document docRef="1">
    <listBox name="ListBox_ef1ae2c5-8c83-2aab-b9eb-56624e33bcb8" readOnly="false" required="false" x="60" y="
655" width="150" height="30" page="1">
      <isMultiSelect>1</isMultiSelect>
      <fontSettings>
        <textColor></textColor>
        <fontName>Times New Roman</fontName>
        <fontSize>11</fontSize>
        <fontStyleBold>false</fontStyleBold>
        <fontStyleItalic>false</fontStyleItalic>
        <textAlign>Left</textAlign>
      </fontSettings>
      <item>
        <item exportValue="option1" displayValue="option1" isSelected="true" />
        <item exportValue="option2" displayValue="option2" isSelected="true" />
        <item exportValue="option3" displayValue="option3" isSelected="false" />
      </item>
    </listBox>
  </document>
</addFormFields>
<attachSignedDocumentsToEnvelopeLog>false</attachSignedDocumentsToEnvelopeLog>
</envelope>

```

Combobox

```

{
  "IsRequired": false,
  "Items": [],
  "Id": "ComboBox_67a8d39f-3a49-65e0-0d5d-88ac97b387ea",
  "PositionPage": 1,
  "DocRefNumber": 1,
  "Position": {
    "PositionX": 79.0,
    "PositionY": 424.0
  },
  "Size": {
    "Height": 30.0,
    "Width": 150.0
  },
  "DiscriminatorType": "ComboBox"
}

```

```

<comboBox id="ComboBox_3247b8f7-620e-a1bc-4e0d-53ae0e019921">
  <DocRefNumber>1</DocRefNumber>
  <isRequired>0</isRequired>
  <positionPage>1</positionPage>
  <positionX>69</positionX>
  <positionY>416</positionY>
  <width>150</width>
  <height>30</height>
</comboBox>

```

After the configuration of the section "PdfForms" you can add these form fields in the section "addFormFields".

AddFormFields

Textfield:

```
{
  "Value": "",
  "MaxLength": -1,
  "IsMultiline": false,
  "IsPassword": false,
  "IsComb": false,
  "TextColor": "0, 0, 0",
  "FontSize": 11.0,
  "FontName": "Times New Roman",
  "Bold": false,
  "Italic": false,
  "TextAlign": "Left",
  "Name": "TextBox_3daf9a88-bf45-70af-99d0-c077bcb48245",
  "ReadOnly": false,
  "Required": false,
  "X": 77.0,
  "Y": 590.92,
  "Width": 124.0,
  "Height": 20.0,
  "Page": 1,
  "DiscriminatorType": "AddTextBoxFormFieldDescriptor"
},
```

```
<textBox name="TextBox_044431e0-c75b-ea8a-0a6b-b2a82a3b7a67" readOnly="false" required="false" x="70" y="
579.92" width="124" height="20" page="1">
  <fontSettings>
    <textColor>#000000</textColor>
    <fontName>Times New Roman</fontName>
    <fontSize>11</fontSize>
    <fontStyleBold>>false</fontStyleBold>
    <fontStyleItalic>>false</fontStyleItalic>
    <textAlign>Left</textAlign>
  </fontSettings>
  <value />
  <maxLength>-1</maxLength>
  <isMultiline>>false</isMultiline>
  <isPassword>>false</isPassword>
  <isComb>>false</isComb>
</textBox>
```

Radiobutton:

```
{
  "ExportValue": "1b6c204b-0642-5566-f526-a725e16737a5",
  "IsChecked": false,
  "Name": "RadioButton_18d57bcd-6a82-ebde-a2ab-c4557a720bfe",
  "ReadOnly": false,
  "Required": false,
  "X": 77.0,
  "Y": 550.92,
  "Width": 20.0,
  "Height": 20.0,
  "Page": 1,
  "DiscriminatorType": "AddRadioButtonFormFieldDescriptor"
},
```

```
<radioButton name="RadioButton_2b853f33-ed5c-7e39-7865-41056a90ca13" readOnly="false" required="
false" x="66" y="544.92" width="20" height="20" page="1">
  <exportValue>83427540-42b2-f71b-cbac-06752da7534b</exportValue>
  <isChecked>>false</isChecked>
</radioButton>
```

Checkbox:

```
{
  "IsChecked": true,
  "Name": "CheckBox_e5ba8ea4-8c39-324f-0170-a83dd3fb3aeb",
  "ReadOnly": false,
  "Required": false,
  "X": 79.0,
  "Y": 516.92,
  "Width": 20.0,
  "Height": 20.0,
  "Page": 1,
  "DiscriminatorType": "AddCheckBoxFormFieldDescriptor"
}
```

```
<checkBox name="CheckBox_6f1fde0e-9338-f34b-6fe2-05d27ff632b9" readOnly="false" required="false"
x="69" y="511.92" width="20" height="20" page="1">
  <isChecked>true</isChecked>
</checkBox>
```

Listbox:

```
{
  "Items": [],
  "TextColor": "",
  "FontSize": 11.0,
  "FontName": "Times New Roman",
  "Bold": false,
  "Italic": false,
  "TextAlign": "Left",
  "Name": "ListBox_e4076d02-c636-0138-fe54-03d19fe10a7d",
  "ReadOnly": false,
  "Required": false,
  "X": 79.0,
  "Y": 468.92,
  "Width": 150.0,
  "Height": 30.0,
  "Page": 1,
  "DiscriminatorType": "AddListBoxFormFieldDescriptor"
},
```

```
<listBox name="ListBox_1c2a2627-5262-2fb0-d937-5e0f947031a4" readOnly="false" required="false" x="
69" y="464.92" width="150" height="30" page="1">
  <fontSettings>
    <textColor></textColor>
    <fontName>Times New Roman</fontName>
    <fontSize>11</fontSize>
    <fontStyleBold>false</fontStyleBold>
    <fontStyleItalic>false</fontStyleItalic>
    <textAlign>Left</textAlign>
  </fontSettings>
</listBox>
```

Combobox:

```
{
    "Value": "",
    "Items": [],
    "TextColor": "",
    "FontSize": 11.0,
    "FontName": "Times New Roman",
    "Bold": false,
    "Italic": false,
    "TextAlign": "Left",
    "Name": "ComboBox_6936c368-b465-6355-0367-bdfe042c8ec7",
    "ReadOnly": false,
    "Required": false,
    "X": 79.0,
    "Y": 418.92,
    "Width": 150.0,
    "Height": 30.0,
    "Page": 1,
    "DiscriminatorType": "AddComboBoxFormFieldDescriptor"
},
```

```
<comboBox name="ComboBox_3247b8f7-620e-a1bc-4e0d-53ae0e019921" readOnly="false" required="false" x="69" y="
416.92" width="150" height="30" page="1">
  <fontSettings>
    <textColor></textColor>
    <fontName>Times New Roman</fontName>
    <fontSize>11</fontSize>
    <fontStyleBold>false</fontStyleBold>
    <fontStyleItalic>false</fontStyleItalic>
    <textAlign>Left</textAlign>
  </fontSettings>
  <value />
</comboBox>
```

Please do not forget to add a workstep task for the form fields.

TypeWriterAnnotation

The following lines of code show you how to write the configuration. First, you have to define the task:

```

"Tasks": [
  {
    "PageNumber": 1,
    "TextAlign": "Left",
    "Position": {
      "PositionX": 76.0,
      "PositionY": 664.0
    },
    "DefaultText": "###ReceiverEmail##",
    "TextFormat": "",
    "DefaultTextType": "Email",
    "FontSettings": {
      "Id": "f238fef7-87db-400c-91ed-7d58d7d76652",
      "TextColor": {
        "A": 255,
        "R": 0,
        "G": 0,
        "B": 0
      },
      "Name": "Times New Roman",
      "Size": 11.0,
      "IsBold": false,
      "IsItalic": false
    },
    "IsEditablePosition": false,
    "IsEditableDefaultText": false,
    "IsEditableFontSettings": false,
    "IsRequired": false,
    "Id": "ed6db64d-98fc-497b-be30-ee2a2a2b6f7c",
    "DocRefNumber": 1,
    "DiscriminatorType": "TypewriterAnnotation"
  },

```

```

<TypewriterAnnotationTaskInfo>
  <typewriterAnnotationGroup id="cc4923e4-6e0a-42a8-be6a-bdd0fa3d2cd4">
    <predefinedTypewriterAnnotationRef refId="269da6f9-9778-4064-8c99-cad42caa2a21" />
  </typewriterAnnotationGroup>
  <fontSettings id="c64ae844-a7ce-4ebb-9773-5f6b8d980f92">
    <fontName>Times New Roman</fontName>
    <fontSize>11</fontSize>
    <fontStyleBold>0</fontStyleBold>
    <fontStyleItalic>0</fontStyleItalic>
    <textColor>
      <A>255</A>
      <R>0</R>
      <G>0</G>
      <B>0</B>
    </textColor>
  </fontSettings>
  <typewriterAnnotation id="269da6f9-9778-4064-8c99-cad42caa2a21" completed="false">
    <DefaultText editable="0" type="DateTime" textFormat="dd/MM/yyyy">##ClientTime##</DefaultText>
    <DocRefNumber>1</DocRefNumber>
    <pageNumber>1</pageNumber>
    <textAlign>Left</textAlign>
    <fontSettingsReference id="c64ae844-a7ce-4ebb-9773-5f6b8d980f92" editable="0" />
    <Position positionX="270" positionY="439" editable="0" />
  </typewriterAnnotation>
</TypewriterAnnotationTaskInfo>

```

Add the task to the configuration like the following example shows:

```

<Task type="AddTypewriterAnnotation" DocRefNumber="1" id="cc4923e4-6e0a-42a8-be6a-bdd0fa3d2cd4"
internalCompleted="0" displayName="" />

```

Instead of "Email" in the REST example or "DateTime" in the SOAP example you can place the following placeholders:

Placeholder	Description
ServerTime	Places a text field with the time of the server
ClientTime	Places a text field with the the time of the client
SenderFirstName*	Places a text field with the first name of the sender
SenderLastName*	Places a text field with the last name of the sender
SenderEmail*	Places a text field with the email of the sender
ReceiverFirstName*	Places a text field with the first name of the recipient
ReceiverLastName*	Places a text field with the last name of the recipient
ReceiverEmail*	Places a text field with the email of the recipient

For all placeholder with the additional "*" you need either the sender information or the receiver information which are both explained in the section "sender and receiver information".

Reading Tasks ≥3.0

With the reading task a recipient must confirm reading the document to have the evidence that he/she was reading it. Generally there are 3 basic ways concerning the range of the reading task:

- Reading task for one page
- Reading task for all pages
- Reading task for a section

Reading task for one page

Note: The reading task must be the first task and it must be required!)

Place the reading task within the following tag:

```
<WorkstepTasks>##ReadingTask##</WorkstepTasks>
```

Add the following lines of code within the workstep configuration:

```

"Tasks": [
  {
    "PositionPage": 1,
    "AllPages": false,
    "AllDocuments": false,
    "IsRequired": true,
    "Id": "847a3d4a-da2c-46f4-8c8c-a9edaa06c29b",
    "DisplayName": "your text for this task",
    "DocRefNumber": 1,
    "DiscriminatorType": "ReadingTask"
  },
  {
    "PositionPage": 1,
    "Position": {
      "PositionX": 80.22857,
      "PositionY": 158.8629
    },
    "Size": {
      "Height": 68.57143,
      "Width": 171.4286
    },
    "AllowedSignatureTypes": [],
    "UseTimestamp": false,
    "IsRequired": true,
    "Id": "93cce567-ae5c-4e98-ac99-9f56ac034250",
    "DisplayName": "SignField 1",
    "DocRefNumber": 1,
    "DiscriminatorType": "Signature"
  }
]

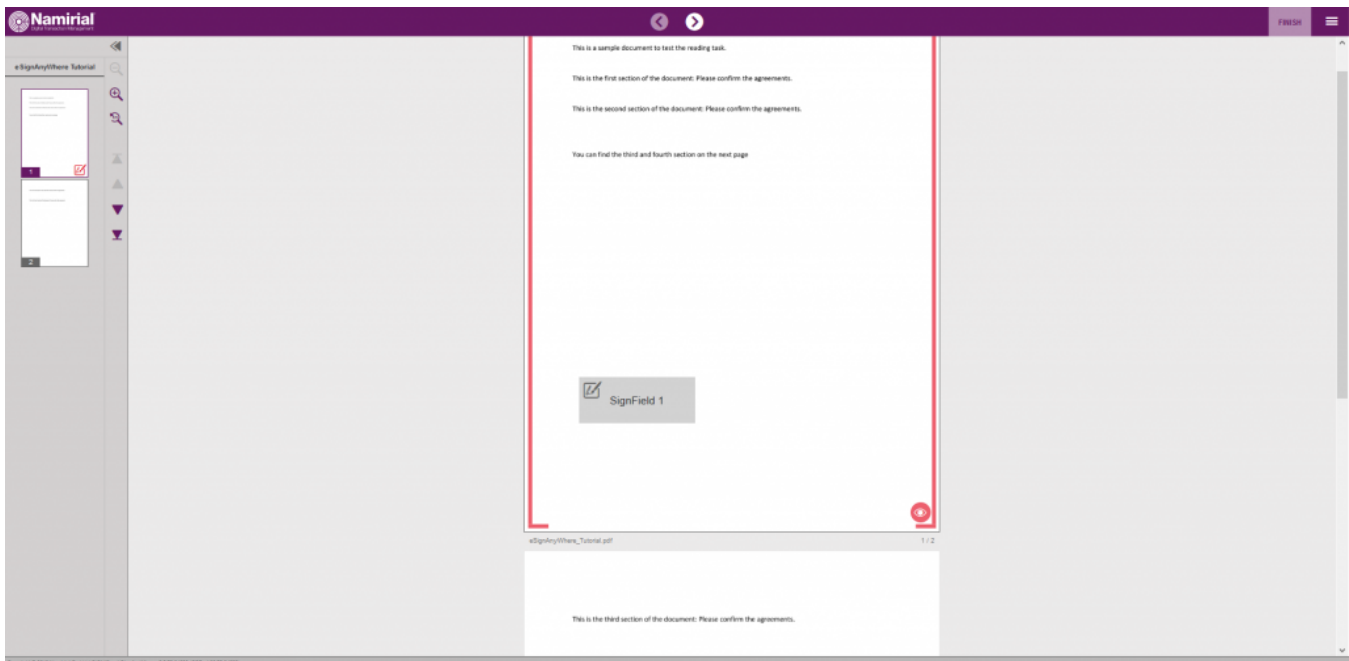
```

```

<ReadingTaskInfo positionUnit="PdfUnits" positionReferenceCorner="Upper_Left">
  <ReadingTask id="847a3d4a-da2c-46f4-8c8c-a9edaa06c29b" pageNumber="1" DocRefNumber="1" AllPages="0"
AllDocuments="0">
  </ReadingTask>
</ReadingTaskInfo>

```

After adding the reading task within the workstep configuration you can send the document. The result should look like the following:



As you can see, just the first page needs a reading confirmation.

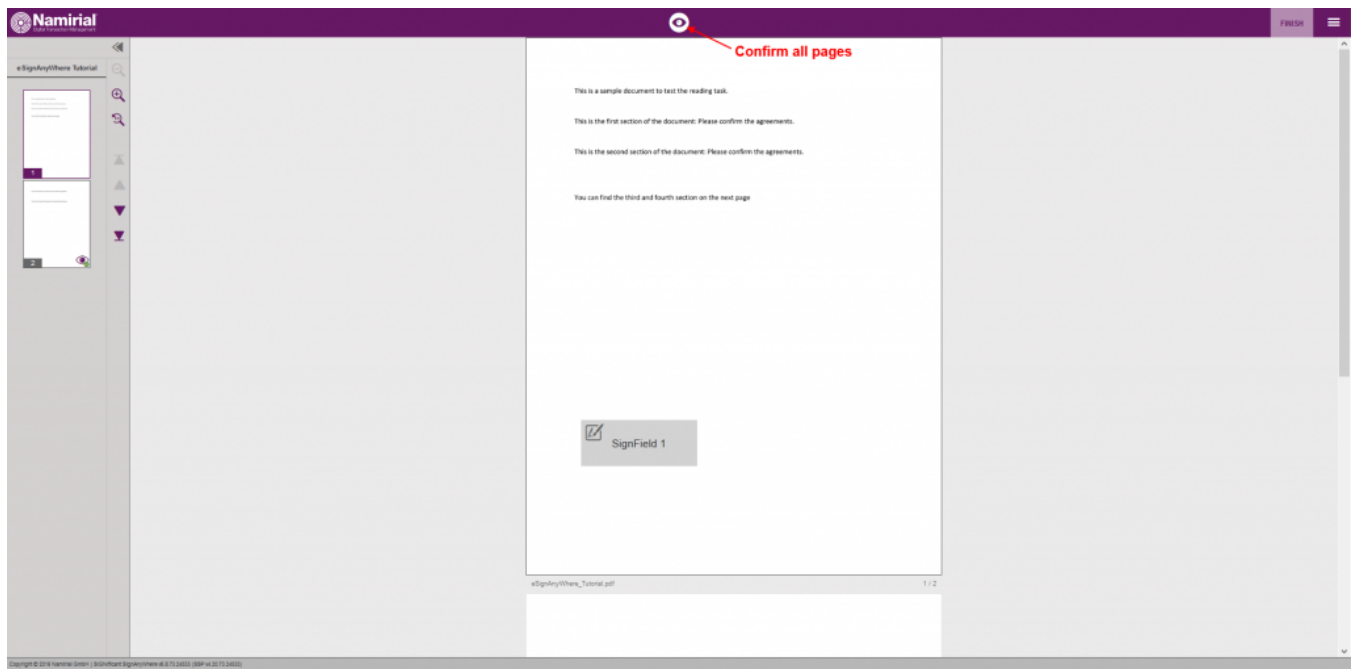
Reading task for all pages

The following lines of code shows you the reading task configuration for all pages:

```
"Tasks": [
  {
    "PositionPage": 1,
    "AllPages": true,
    "AllDocuments": false,
    "Position": {
      "PositionX": 50.0,
      "PositionY": 100.0
    },
    "Size": {
      "Height": 40.0,
      "Width": 400.0
    },
    "IsRequired": true,
    "Id": "847a3d4a-da2c-46f4-8c8c-a9edaa06c29b",
    "DisplayName": "your text for this task",
    "DocRefNumber": 1,
    "DiscriminatorType": "ReadingTask"
  },
  {
    "PositionPage": 1,
    "Position": {
      "PositionX": 80.22857,
      "PositionY": 158.8629
    },
    "Size": {
      "Height": 68.57143,
      "Width": 171.4286
    },
    "AllowedSignatureTypes": [],
    "UseTimestamp": false,
    "IsRequired": true,
    "Id": "93cce567-ae5c-4e98-ac99-9f56ac034250",
    "DisplayName": "SignField 1",
    "DocRefNumber": 1,
    "DiscriminatorType": "Signature"
  }
]
```

```
<ReadingTaskInfo positionUnit="PdfUnits" positionReferenceCorner="Upper_Left">
  <ReadingTask id="847a3d4a-da2c-46f4-8c8c-a9edaa06c29b" pageNumber="1" DocRefNumber="1" AllPages="0"
AllDocuments="1">
  </ReadingTask>
</ReadingTaskInfo>
```

The result should look like the following screenshot:



Reading task for a section

The following lines of code shows you how to configure the reading task for a section:

```

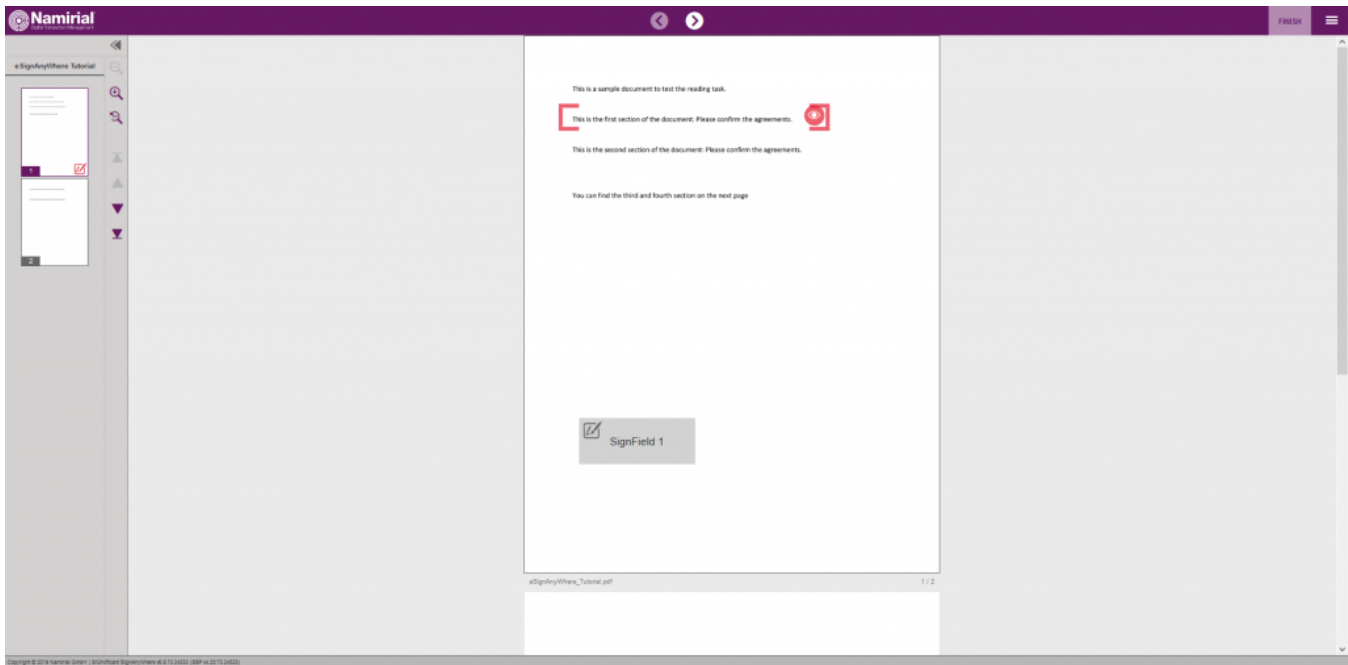
"Tasks": [
  {
    "PositionPage": 1,
    "AllPages": false,
    "AllDocuments": false,
    "Position": {
      "PositionX": 50.0,
      "PositionY": 100.0
    },
    "Size": {
      "Height": 40.0,
      "Width": 400.0
    },
    "IsRequired": true,
    "Id": "847a3d4a-da2c-46f4-8c8c-a9edaa06c29b",
    "DisplayName": "your text for this task",
    "DocRefNumber": 1,
    "DiscriminatorType": "ReadingTask"
  },
  {
    "PositionPage": 1,
    "Position": {
      "PositionX": 80.22857,
      "PositionY": 158.8629
    },
    "Size": {
      "Height": 68.57143,
      "Width": 171.4286
    },
    "AllowedSignatureTypes": [],
    "UseTimestamp": false,
    "IsRequired": true,
    "Id": "93cce567-ae5c-4e98-ac99-9f56ac034250",
    "DisplayName": "SignField 1",
    "DocRefNumber": 1,
    "DiscriminatorType": "Signature"
  }
]

```

```

<ReadingTaskInfo positionUnit="PdfUnits" positionReferenceCorner="Upper_Left">
  <ReadingTask id="847a3d4a-da2c-46f4-8c8c-a9edaa06c29b" pageNumber="1" DocRefNumber="1" AllPages="0"
AllDocuments="0">
  <Position positionX="50" positionY="100" width="400" height="40" />
  </ReadingTask>
</ReadingTaskInfo>

```



In the next section you can find a complete workstep configuration with one signature field, one recipient and a reading confirmation for a section:

```
{
  "SspFileIds": [
    "##FILEID##"
  ],
  "SendEnvelopeDescription": {
    "Name": "eSignAnyWhere Tutorial",
    "EmailSubject": "Document of eSignAnyWhere Tutorial",
    "EmailBody": "Dear #RecipientFirstName#! Please sign this tutorial document.",
    "DisplayedEmailSender": "",
    "EnableReminders": true,
    "FirstReminderDayAmount": 1,
    "RecurrentReminderDayAmount": 1,
    "BeforeExpirationDayAmount": 1,
    "DaysUntilExpire": 2,
    "CallbackUrl": "",
    "StatusUpdateCallbackUrl": "",
    "LockFormFieldsAtEnvelopeFinish": true,
    "Steps": [
      {
        "OrderIndex": 1,
        "Recipients": [
          {
            "Email": "##EMAIL##",
            "FirstName": "##NAME##",
            "LastName": "##NAME##",
            "LanguageCode": "en",
            "EmailBodyExtra": "",
            "DisableEmail": false,
            "AddAndroidAppLink": false,
            "AddIosAppLink": false,
            "AddWindowsAppLink": false,
            "AllowDelegation": false,
            "AllowAccessFinishedWorkstep": false,
            "SkipExternalDataValidation": false,
            "AuthenticationMethods": []
          }
        ],
        "EmailBodyExtra": "",
        "RecipientType": "Signer",
```

```

"WorkstepConfiguration": {
  "WorkstepLabel": "",
  "SmallTextZoomFactorPercent": 100,
  "FinishAction": {
    "ServerActions": [],
    "ClientActions": []
  },
  "ReceiverInformation": {
    "UserInformation": {
      "FirstName": "##NAME##",
      "LastName": "##NAME##",
      "EMail": "##EMAIL##"
    },
    "TransactionCodePushPluginData": []
  },
  "SenderInformation": {
    "UserInformation": {
      "FirstName": "##NAME##",
      "LastName": "##NAME##",
      "EMail": "##EMAIL##"
    }
  },
  "TransactionCodeConfigurations": [
    {

    }
  ],
  "SignatureConfigurations": [],
  "ViewerPreferences": {},
  "Policy": {
    "GeneralPolicies": {
      "AllowSaveDocument": true,
      "AllowSaveAuditTrail": true,
      "AllowRotatingPages": true,
      "AllowFinishWorkstep": true,
      "AllowUndoLastAction": true
    },
    "WorkstepTasks": {
      "PictureAnnotationMinResolution": 0,
      "PictureAnnotationMaxResolution": 0,
      "PictureAnnotationColorDepth": "Color16M",
      "SequenceMode": "SequenceOnlyRequiredTasks",
      "PositionUnits": "PdfUnits",
      "ReferenceCorner": "Upper_Left",
      "Tasks": [
        {
          "PositionPage": 1,
          "AllPages": false,
          "AllDocuments": false,
          "Position": {
            "PositionX": 50.0,
            "PositionY": 100.0
          },
          "Size": {
            "Height": 40.0,
            "Width": 400.0
          },
          "IsRequired": true,
          "Id": "847a3d4a-da2c-46f4-8c8c-a9edaa06c29b",
          "DisplayName": "your text for this task",
          "DocRefNumber": 1,
          "DiscriminatorType": "ReadingTask"
        },
        {
          "PositionPage": 1,
          "Position": {
            "PositionX": 80.22857,
            "PositionY": 158.8629
          },
          "Size": {

```

```

        "Height": 68.57143,
        "Width": 171.4286
    },
    "AdditionalParameters": [
        {
            "Key": "enabled",
            "Value": "1"
        },
        {
            "Key": "completed",
            "Value": "0"
        },
        {
            "Key": "sigType",
            "Value": "Picture"
        },
        {
            "Key": "positioning",
            "Value": "onPage"
        },
        {
            "Key": "allowedCapturingMethods",
            "Value": "Click2Sign"
        }
    ],
    "AllowedSignatureTypes": [],
    "UseTimestamp": false,
    "IsRequired": true,
    "Id": "93cce567-ae5c-4e98-ac99-9f56ac034250",
    "DisplayName": "SignField 1",
    "DocRefNumber": 1,
    "DiscriminatorType": "Signature"
    }
    ]
    }
    },
    "DocumentOptions": [
        {
            "DocumentReference": "1",
            "IsHidden": false
        }
    ],
    "UseDefaultAgreements": true
},
{
    "OrderIndex": 2,
    "Recipients": [
        {
            "Email": "##EMAIL##",
            "FirstName": "Charly",
            "LastName": "Randomname",
            "LanguageCode": "en",
            "EmailBodyExtra": "",
            "DisableEmail": false,
            "AddAndroidAppLink": false,
            "AddIosAppLink": false,
            "AddWindowsAppLink": false,
            "AllowDelegation": false,
            "AllowAccessFinishedWorkstep": false,
            "SkipExternalDataValidation": false,
            "AuthenticationMethods": []
        }
    ],
    "EmailBodyExtra": "",
    "RecipientType": "Cc",
    "DocumentOptions": [
        {
            "DocumentReference": "1",
            "IsHidden": false
        }
    ]
}

```

```

    ],
    "UseDefaultAgreements": true
  }
},
"AddFormFields": {
  "Forms": {}
},
"OverrideFormFieldValues": {
  "Forms": {}
},
"AttachSignedDocumentsToEnvelopeLog": false
}
}

```

```

<envelope>
  <name>eSignAnyWhere Tutorial</name>
  <eMailSubject>Document of eSignAnyWhere Tutorial</eMailSubject>
  <eMailBody>Dear #RecipientFirstName#! Please sign this tutorial document.</eMailBody>
  <enableReminders>True</enableReminders>
  <firstReminderDayAmount>1</firstReminderDayAmount>
  <recurrentReminderDayAmount>1</recurrentReminderDayAmount>
  <beforeExpirationReminderDayAmount>1</beforeExpirationReminderDayAmount>
  <daysUntilExpire>2</daysUntilExpire>
  <!-- callback to your backend system on a completed envelope
  <callbackUrl>http://172.16.17.78:57550/default.aspx?EnvelopeId=##EnvelopeId##&myParamForMe=1234<
/callbackUrl>
  -->
  <callbackUrl />
  <steps>
    <step>
      <emailBodyExtra />
      <orderIndex>1</orderIndex>
      <recipientType>Signer</recipientType>
      <recipients>
        <recipient>
          <languageCode>en</languageCode>
          <eMail>##EMAIL##</eMail>
          <firstName>Alice</firstName>
          <lastName>Somenam</lastName>
        </recipient>
      </recipients>
      <workstepConfiguration>
<WorkstepLabel />
<SmallTextZoomFactorPercent>100</SmallTextZoomFactorPercent>
<WorkstepTimeToLiveInMinutes>11520</WorkstepTimeToLiveInMinutes>
<FinishAction />
<signatureTemplate>
  <version>1.2.0.2</version>
  <positionUnits>PdfUnits</positionUnits>
  <positionReferenceCorner>Lower_Left</positionReferenceCorner>
  <sig id="93cce567-ae5c-4e98-ac99-9f56ac034250">
    <positionPage>1</positionPage>
    <DocRefNumber>1</DocRefNumber>
    <positionX>80.22857</positionX>
    <positionY>158.8629</positionY>
    <width>171.4286</width>
    <height>68.57143</height>
    <param name="enabled">1</param>
    <param name="completed">0</param>
    <param name="sigType">Picture</param>
    <param name="positioning">onPage</param>
    <param name="allowedCapturingMethods">Click2Sign</param>
  </sig>
</signatureTemplate>
<Policy version="1.1.0.0">
  <GeneralPolicies>
    <AllowSaveDocument>1</AllowSaveDocument>
    <AllowSaveAuditTrail>1</AllowSaveAuditTrail>
  </GeneralPolicies>

```

```

        <WorkstepTasks SequenceMode="SequenceOnlyRequiredTasks" originalSequenceMode="SequenceOnlyRequiredTasks">
            <Task enabled="1" completed="0" required="1" id="847a3d4a-da2c-46f4-8c8c-a9edaa06c29b" displayName="
your text for this task" DocRefNumber="1" type="ConfirmReading" />
            <Task enabled="1" completed="0" required="1" id="93cce567-ae5c-4e98-ac99-9f56ac034250" displayName="
SignField 1" DocRefNumber="1" type="SignField" internalAllConcernedDocRefNumbersList="1"
allRequiredFieldsFilledOnWorkstepCreation="0" />
        </WorkstepTasks>
    </Policy>
    <TransactionCodeConfigurations>
        <TransactionCodeConfiguration trConfId="">
            <Message>Please sign the document with the transactionId {tId} with the code: {Token}</Message>
            <hashAlgorithmIdentifier>Sha256</hashAlgorithmIdentifier>
        </TransactionCodeConfiguration>
        <TransactionCodeConfiguration trConfId="Trans1">
            <Message>Please accept the transactionId {tId} with the code: {Token}</Message>
            <hashAlgorithmIdentifier>Sha256</hashAlgorithmIdentifier>
        </TransactionCodeConfiguration>
    </TransactionCodeConfigurations>
    <ReadingTaskInfo positionUnit="PdfUnits" positionReferenceCorner="Upper_Left">
        <ReadingTask id="847a3d4a-da2c-46f4-8c8c-a9edaa06c29b" pageNumber="1" DocRefNumber="1" AllPages="0"
AllDocuments="0">
        <Position positionX="50" positionY="100" width="400" height="40" />
    </ReadingTask>
</ReadingTaskInfo>
</workstepConfiguration>
</step>
<step>
    <emailBodyExtra />
    <orderIndex>2</orderIndex>
    <recipientType>CC</recipientType>
    <recipients>
        <recipient>
            <languageCode>en</languageCode>
            <eMail>##EMAIL##</eMail>
            <firstName>Charly</firstName>
            <lastName>Randomname</lastName>
        </recipient>
    </recipients>
</step>
</steps>
</envelope>

```

Sending envelope

After you have added all form fields and signatures you can send the envelope to recipients. Therefore, add the file Id and the workstep configuration to the REST call `basicURL/envelope/send` or in SOAP to the API call `SendEnvelope_v1` and send the envelope to the recipients.

Get the envelope

After sending the envelope you can call the api call (`basicURL/envelope{envelopeld}`) in REST and `GetEnvelopeById_v1` in SOAP.

For this api call you just need the `envelopeld`. After finishing the api call you get all information about the envelope. The next section shows you a sample response.

```

{
    "Status": "InProgress",
    "Email": "",
    "LogDocumentId": "",
    "FinishedDocuments": [],
    "Steps": [
        {
            "Id": "b3df7533-c3d4-4041-a9a8-16039025dc02",
            "FirstName": "##NAME##",
            "LastName": "##NAME##",
            "OrderIndex": 1,
            "Email": "##EMAIL##",
            "LanguageCode": "en",
            "Status": "NotSigned",

```

```
"StatusReason": "",
"RecipientType": "Signer",
"WorkstepRedirectionUrl": "https://demo.xyzmo.com/workstepredirector/sign?
identifier=##RedirectionURL##",
"AllowAccessFinishedWorkstep": false,
"Authentication": [
  {
    "Method": "Pin",
    "Parameter": "1234",
    "Filters": []
  }
],
"IsParallel": false,
"WorkstepConfiguration": {
  "WorkstepLabel": "test",
  "SmallTextZoomFactorPercent": 100,
  "FinishAction": {
    "ServerActions": [
      {
        "CallSynchronous": false,
        "Action": "https://demo.xyzmo.com/workstepredirector/setfinishaction?
wid=##WorkstepId##"
      }
    ],
    "ClientActions": [
      {
        "RemoveDocumentFromRecentDocumentList": false,
        "CallClientActionOnlyAfterSuccessfulSync": true,
        "ClientName": "SIGNificant SignAnywhere",
        "CloseApp": false,
        "Action": "https://www.esignanywhere.net/"
      }
    ]
  }
},
"ReceiverInformation": {
  "UserInformation": {
    "FirstName": "##NAME##",
    "LastName": "##NAME##",
    "EMail": "##EMAIL##"
  },
  "TransactionCodePushPluginData": []
},
"SenderInformation": {
  "UserInformation": {
    "FirstName": "##NAME##",
    "LastName": "##NAME##",
    "EMail": "##EMAIL##"
  }
},
"TransactionCodeConfigurations": [
  {
    "Id": "otpSignatureSmsText",
    "HashAlgorithmIdentifier": "Sha256",
    "Texts": [
    ]
  }
],
"SignatureConfigurations": [
  {
    "PdfSignatureProperties": {
      "PdfAConformant": false,
      "PAdESPart4Compliant": false,
      "IncludeSigningCertificateChain": false,
      "SigningCertificateRevocationInformationIncludeMode": "DoNotInclude"
    },
    "PdfSignatureCryptographicData": {
      "SignatureHashAlgorithm": "Sha256",
      "SigningCertificateDescriptor": {
        "Identifier": "14527a6bcfa8b4d7d0183fca6b735b1c246d14ae",
        "Type": "Sha1Thumbprint",

```

```

        "Csp": "Default"
    }
}
},
{
    "SpcId": "timestampSigningId",
    "PdfSignatureProperties": {
        "PdfAConformant": false,
        "PAdESPart4Compliant": false,
        "IncludeSigningCertificateChain": false,
        "SigningCertificateRevocationInformationIncludeMode": "DoNotInclude",
        "SignatureTimestampData": {
            "Uri": "https://timestamp.test.namirialtsp.com",
            "Username": "xyzmo",
            "Password": "xyzmo",
            "SignatureHashAlgorithm": "Sha256"
        }
    },
    "PdfSignatureCryptographicData": {
        "SignatureHashAlgorithm": "Sha256",
        "SigningCertificateDescriptor": {
            "Identifier": "14527a6bcfa8b4d7d0183fca6b735b1c246d14ae",
            "Type": "Sha1Thumbprint",
            "Csp": "Default"
        }
    }
},
{
    "SpcId": "padesSigningId",
    "PdfSignatureProperties": {
        "PdfAConformant": false,
        "PAdESPart4Compliant": true,
        "IncludeSigningCertificateChain": false,
        "SigningCertificateRevocationInformationIncludeMode": "IncludeDss"
    },
    "PdfSignatureCryptographicData": {
        "SignatureHashAlgorithm": "Sha256",
        "SigningCertificateDescriptor": {
            "Identifier": "14527a6bcfa8b4d7d0183fca6b735b1c246d14ae",
            "Type": "Sha1Thumbprint",
            "Csp": "Default"
        }
    }
},
{
    "SpcId": "padesTimestampSigningId",
    "PdfSignatureProperties": {
        "PdfAConformant": false,
        "PAdESPart4Compliant": true,
        "IncludeSigningCertificateChain": false,
        "SigningCertificateRevocationInformationIncludeMode": "IncludeDss",
        "SignatureTimestampData": {
            "Uri": "https://timestamp.test.namirialtsp.com",
            "Username": "xyzmo",
            "Password": "xyzmo",
            "SignatureHashAlgorithm": "Sha256"
        }
    },
    "PdfSignatureCryptographicData": {
        "SignatureHashAlgorithm": "Sha256",
        "SigningCertificateDescriptor": {
            "Identifier": "14527a6bcfa8b4d7d0183fca6b735b1c246d14ae",
            "Type": "Sha1Thumbprint",
            "Csp": "Default"
        }
    }
},
{
    "SpcId": "padesRemoteCertificateSigningId",
    "PdfSignatureProperties": {
        "PdfAConformant": false,

```

```

        "PAdESPart4Compliant": true,
        "IncludeSigningCertificateChain": false,
        "SigningCertificateRevocationInformationIncludeMode": "IncludeDss"
    },
    "PdfSignatureCryptographicData": {
        "SignatureHashAlgorithm": "Sha256",
        "SigningCertificateDescriptor": {
            "Identifier": "14527a6bcfa8b4d7d0183fca6b735b1c246d14ae",
            "Type": "Sha1Thumbprint",
            "Csp": "Default"
        }
    }
},
{
    "SpcId": "padesRemoteCertificateTimestampSigningId",
    "PdfSignatureProperties": {
        "PdfAConformant": false,
        "PAdESPart4Compliant": true,
        "IncludeSigningCertificateChain": false,
        "SigningCertificateRevocationInformationIncludeMode": "IncludeDss",
        "SignatureTimestampData": {
            "Uri": "https://timestamp.test.namirialtsp.com",
            "Username": "xyzmo",
            "Password": "xyzmo",
            "SignatureHashAlgorithm": "Sha256"
        }
    },
    "PdfSignatureCryptographicData": {
        "SignatureHashAlgorithm": "Sha256",
        "SigningCertificateDescriptor": {
            "Identifier": "14527a6bcfa8b4d7d0183fca6b735b1c246d14ae",
            "Type": "Sha1Thumbprint",
            "Csp": "Default"
        }
    }
},
{
    "SpcId": "automaticSigningId",
    "PdfSignatureProperties": {
        "PdfAConformant": false,
        "PAdESPart4Compliant": false,
        "IncludeSigningCertificateChain": false,
        "SigningCertificateRevocationInformationIncludeMode": "DoNotInclude"
    },
    "PdfSignatureCryptographicData": {
        "SignatureHashAlgorithm": "Sha256",
        "SigningCertificateDescriptor": {
            "Identifier": "14527a6bcfa8b4d7d0183fca6b735b1c246d14ae",
            "Type": "Sha1Thumbprint",
            "Csp": "Default"
        }
    }
},
{
    "SpcId": "automaticTimestampSigningId",
    "PdfSignatureProperties": {
        "PdfAConformant": false,
        "PAdESPart4Compliant": false,
        "IncludeSigningCertificateChain": false,
        "SigningCertificateRevocationInformationIncludeMode": "DoNotInclude",
        "SignatureTimestampData": {
            "Uri": "https://timestamp.test.namirialtsp.com",
            "Username": "xyzmo",
            "Password": "xyzmo",
            "SignatureHashAlgorithm": "Sha256"
        }
    },
    "PdfSignatureCryptographicData": {
        "SignatureHashAlgorithm": "Sha256",
        "SigningCertificateDescriptor": {
            "Identifier": "14527a6bcfa8b4d7d0183fca6b735b1c246d14ae",

```

```

        "Type": "Sha1Thumbprint",
        "Csp": "Default"
    }
}
},
{
    "SpcId": "swissComSigningId",
    "PdfSignatureProperties": {
        "PdfAConformant": false,
        "PAdESPart4Compliant": true,
        "IncludeSigningCertificateChain": false,
        "SigningCertificateRevocationInformationIncludeMode": "IncludeDss"
    },
    "PdfSignatureCryptographicData": {
        "SignatureHashAlgorithm": "Sha256",
        "SigningCertificateDescriptor": {
            "Identifier": "14527a6bcfa8b4d7d0183fca6b735b1c246d14ae",
            "Type": "Sha1Thumbprint",
            "Csp": "Default"
        }
    }
}
},
"ViewerPreferences": {
    "FinishWorkstepOnOpen": false,
    "VisibleAreaOptions": {
        "AllowedDomain": "*",
        "Enabled": false
    }
},
"ResourceUri": {
    "SignatureImagesUri": "https://demo.xyzmo.com/Resource/SignatureImages/?
link=1NB8ErluKvwtK3g7VVj4PvoPlDStEIYcIkbMequyIb2k20MxZGqFHgVK2vy8WtBzP"
},
"Policy": {
    "GeneralPolicies": {
        "AllowSaveDocument": true,
        "AllowSaveAuditTrail": true,
        "AllowRotatingPages": false,
        "AllowAppendFileToWorkstep": false,
        "AllowAppendTaskToWorkstep": false,
        "AllowEmailDocument": true,
        "AllowPrintDocument": true,
        "AllowFinishWorkstep": true,
        "AllowRejectWorkstep": true,
        "AllowRejectWorkstepDelegation": true,
        "AllowUndoLastAction": true,
        "AllowColorizePdfForms": false,
        "AllowAdhocPdfAttachments": false,
        "AllowAdhocSignatures": false,
        "AllowAdhocStampings": false,
        "AllowAdhocFreeHandAnnotations": false,
        "AllowAdhocTypewriterAnnotations": false,
        "AllowAdhocPictureAnnotations": false,
        "AllowAdhocPdfPageAppending": false
    },
    "WorkstepTasks": {
        "PictureAnnotationMinResolution": 0,
        "PictureAnnotationMaxResolution": 0,
        "PictureAnnotationColorDepth": "Color16M",
        "SequenceMode": "NoSequenceEnforced",
        "PositionUnits": "PdfUnits",
        "ReferenceCorner": "Lower_Left",
        "Tasks": [
            {
                "PositionPage": 1,
                "Position": {
                    "PositionX": 65.0,
                    "PositionY": 602.0
                },
                "Size": {

```

```

        "Height": 80.0,
        "Width": 190.0
    },
    "AdditionalParameters": [
        {
            "Key": "enabled",
            "Value": "1"
        },
        {
            "Key": "positioning",
            "Value": "onPage"
        },
        {
            "Key": "req",
            "Value": "1"
        },
        {
            "Key": "fd",
            "Value": ""
        },
        {
            "Key": "fd_dateformat",
            "Value": "dd-MM-yyyy HH:mm:ss"
        },
        {
            "Key": "fd_timezone",
            "Value": "datetimeutc"
        }
    ],
    "AllowedSignatureTypes": [
        {
            "AllowedCapturingMethod": "Click2Sign",
            "Id": "5d8de01a-b924-4d87-98c9-cc45909c0b4b",
            "DiscriminatorType": "SigTypeClick2Sign",
            "Preferred": false,
            "StampImprintConfiguration": {
                "DisplayExtraInformation": true,
                "DisplayEmail": true,
                "DisplayIp": true,
                "DisplayName": true,
                "DisplaySignatureDate": true,
                "FontFamily": "Times New Roman",
                "FontSize": 11.0
            }
        }
    ],
    "UseTimestamp": false,
    "IsRequired": true,
    "Id": "1#XyzmoDuplicateIdSeperator#Signature_a9cd7f4f-6c7d-ff20-dc3f-
    "DisplayName": "",
    "DocRefNumber": 1,
    "DiscriminatorType": "Signature"
},
{
    "Forms": [
        {
            "IsScrollAllowed": false,
            "IsComb": false,
            "MaxLength": 0,
            "IsMultiLine": false,
            "IsPassword": false,
            "IsFileSelect": false,
            "IsRequired": false,
            "Id": "TextBox_4e277dde-23c4-8a81-103a-f84abd798a8a",
            "PositionPage": 1,
            "DocRefNumber": 1,
            "Position": {
                "PositionX": 71.0,
                "PositionY": 558.0
            }
        },

```

dea0a4638bd4",

```

        "Size": {
            "Height": 20.0,
            "Width": 126.0
        },
        "IsHidden": false,
        "ExportValue": "",
        "Description": "",
        "KeepExistingValue": true,
        "DiscriminatorType": "TextBox"
    }
},
    "IsRequired": false,
    "Id": "73df5772-d204-40ca-908e-34d43891bc01",
    "DisplayName": "",
    "DocRefNumber": 1,
    "DiscriminatorType": "FormGroup"
}
]
}
},
    "Navigation": {
        "HyperLinks": [],
        "Links": [],
        "LinkTargets": []
    }
}
},
{
    "Id": "68b7605b-8403-40ee-896e-e896be5459fc",
    "FirstName": "##NAME##",
    "LastName": "##NAME##",
    "OrderIndex": 2,
    "Email": "##EMAIL##",
    "LanguageCode": "en",
    "Status": "NotSigned",
    "StatusReason": "",
    "RecipientType": "Cc",
    "WorkstepRedirectionUrl": "",
    "AllowAccessFinishedWorkstep": false,
    "IsParallel": false,
    "WorkstepConfiguration": {
        "SmallTextZoomFactorPercent": 100,
        "ViewerPreferences": {},
        "Policy": {
            "GeneralPolicies": {
                "AllowRotatingPages": true,
                "AllowFinishWorkstep": true,
                "AllowUndoLastAction": true
            },
            "WorkstepTasks": {
                "PictureAnnotationMinResolution": 0,
                "PictureAnnotationMaxResolution": 0,
                "PictureAnnotationColorDepth": "Color16M",
                "SequenceMode": "NoSequenceEnforced",
                "PositionUnits": "PdfUnits",
                "ReferenceCorner": "Lower_Left",
                "Tasks": []
            }
        }
    }
}
}
}
}
},
    "Documents": [
        {
            "PageSizesInPoints": [
                {
                    "Height": 792.0,
                    "Width": 612.0
                }
            ]
        }
    ]
}

```

```

    ],
    "DocRefNumber": 1,
    "FileName": "Test.pdf",
    "FormFields": [
        {
            "Name": "TextBox_4e277dde-23c4-8a81-103a-f84abd798a8a",
            "Values": [
                {
                    "Key": "",
                    "Value": ""
                }
            ]
        }
    ]
}
],
"Id": "b94e4d2a-9901-48d5-8896-effd2cc17a96",
"Bulk": "",
"BasicOptions": {
    "Name": "test",
    "EmailSubject": "Please sign the enclosed envelope",
    "EmailBody": "Dear #RecipientFirstName# #RecipientLastName#\n\n#PersonalMessage#\n\nPlease sign the
envelope #EnvelopeName#\n\nEnvelope will expire at #ExpirationDate#",
    "EnableReminders": true,
    "FirstReminderDayAmount": 5,
    "RecurrentReminderDayAmount": 3,
    "BeforeExpirationDayAmount": 3
}
}
}

```

```

<baseResult>ok</baseResult>
<okInfo>
  <envelopeStatus>
    <name>eSignAnywhere Tutorial</name>
    <eMailSubject>Document of eSignAnywhere Tutorial</eMailSubject>
    <eMailBody>Dear #RecipientFirstName#! Please sign this tutorial document.</eMailBody>
    <enableReminders>true</enableReminders>
    <firstReminderDayAmount>1</firstReminderDayAmount>
    <recurrentReminderDayAmount>1</recurrentReminderDayAmount>
    <beforeExpirationReminderDayAmount>1</beforeExpirationReminderDayAmount>
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    <bulk></bulk>
    <status>InProgress</status>
    <sendDate>2020-04-10T11:31:55.967Z</sendDate>
    <expirationDate>2020-04-12T11:31:55.967Z</expirationDate>
    <daysUntilExpire />
    <bulkRecipients>
      <bulkRecipient eMail="" id="">
        <status>InProgress</status>
        <recipients>
          <recipient>
            <id>08b584bf-2c61-44a2-90e4-b62527d7542b</id>
            <orderIndex>1</orderIndex>
            <firstName>Alice</firstName>
            <lastName>Somenam</lastName>
            <eMail>##EMAIL##</eMail>
            <languageCode>en</languageCode>
            <status>NotSigned</status>
            <signedDate></signedDate>
            <openedDate></openedDate>
            <recipientType>Signer</recipientType>
            <isParallel>false</isParallel>
            <workstepRedirectionUrl>https://demo.xyzmo.com/workstepredirector/sign?
identifier==WorkstepRedirection##</workstepRedirectionUrl>
            <allowAccessFinishedWorkstep>false</allowAccessFinishedWorkstep>
            <authentication>
              <method>Pin</method>
              <parameter>1234</parameter>
            </authentication>
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        </recipients>
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    </bulkRecipients>
  </envelopeStatus>
</okInfo>

```

```

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  <WorkstepTimeToLiveInMinutes>11520</WorkstepTimeToLiveInMinutes>
  <FinishAction>
    <ServerAction callSynchronous="0">https://demo.xyzmo.com/workstepredirector/setfinishaction?
wid=##WorkstepId##</ServerAction>
  </FinishAction>
  <signatureTemplate>
    <version>1.2.0.2</version>
    <positionUnits>PdfUnits</positionUnits>
    <positionReferenceCorner>Lower_Left</positionReferenceCorner>
    <sig id="93cce567-ae5c-4e98-ac99-9f56ac034250">
      <positionPage>1</positionPage>
      <DocRefNumber>1</DocRefNumber>
      <positionX>80.22857</positionX>
      <positionY>158.8629</positionY>
      <width>171.4286</width>
      <height>68.57143</height>
      <param name="enabled">1</param>
      <param name="completed">0</param>
      <param name="sigType">Picture</param>
      <param name="positioning">onPage</param>
      <param name="allowedCapturingMethods">Click2Sign</param>
    </sig>
  </signatureTemplate>
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    <GeneralPolicies>
      <AllowSaveDocument>1</AllowSaveDocument>
      <AllowSaveAuditTrail>1</AllowSaveAuditTrail>
    </GeneralPolicies>
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displayName="SignField 1" DocRefNumber="1" type="SignField" internalAllConcernedDocRefNumbersList="1"
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  </Policy>
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    </TransactionCodeConfiguration>
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      <lastName>Somenam</lastName>
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    </userInformation>
    <showNamirialDisposableDisclaimer>1</showNamirialDisposableDisclaimer>
  </receiverInformation>
  <senderInformation>
    <userInformation>
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      <lastName>##NAME##</lastName>
      <eMail>##EMAIL##</eMail>
    </userInformation>
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      <SigningCertificateRevocationInformationIncludeMode>DoNotInclude<
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    <PdfSignatureCryptographicData_V1>
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```

```

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            <UserName>xyzmo</UserName>
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```

```

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        <SignatureHashAlgorithm>SHA256</SignatureHashAlgorithm>
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```

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  <PdfSignatureCryptographicData_V1>
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  <logXmlDocumentId></logXmlDocumentId>
</completedDocuments>
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        <width>612</width>
        <height>792</height>
      </page>
    </pages>
  </document>
</documents>
</envelopeStatus>
</okInfo>
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Download the document(s)

With the following URI you can download the documents: `basicURL/envelope/downloadCompletedDocument/{documentId}` in REST and `DownloadCompletedDocument_v1` in SOAP.



You can only download the documents if the envelope is finished (Status: "Completed"). In the section before (getenvelope) you can see that the envelope has the Status: "In Progress". After finishing the envelope you should see that the status changed to completed.

You can download the following documents:

- LogDocument
- LogXmlDocument
- FlowDocument

Note: If you send an envelope with a disposable signature you can also see the disclaimerDocument available for download.